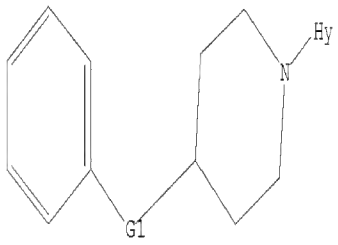
L1 STRUCTURE UPLOADED

=> que L1

L2 QUE L1

=> d l1
L1 HAS NO ANSWERS
L1 STR



G1 O,S

Structure attributes must be viewed using STN Express query preparation.

=> s l1
SAMPLE SEARCH INITIATED 18:47:40 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 7749 TO ITERATE

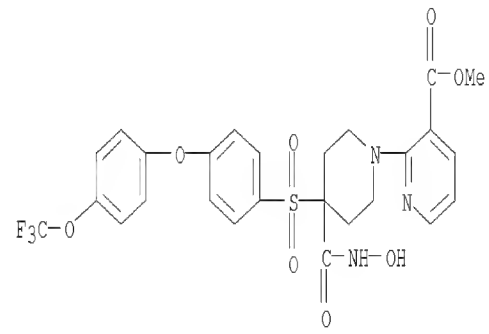
25.8% PROCESSED 2000 ITERATIONS 12 ANSWERS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 149703 TO 160257
PROJECTED ANSWERS: 520 TO 1338

L3 12 SEA SSS SAM L1

=> d scan

L3 12 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN
IN 3-Pyridinecarboxylic acid, 2-[4-[(hydroxyamino)carbonyl]-4-[[4-[4-(trifluoromethoxy)phenoxy]phenyl]sulfonyl]-1-piperidinyl]-, methyl ester
MF C26 H24 F3 N3 O8 S
CI COM

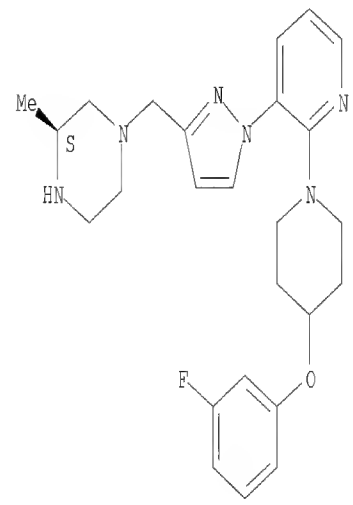


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

L3 12 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN
IN Piperazine, 1-[[1-[2-[4-(3-fluorophenoxy)-1-piperidinyl]-3-pyridinyl]-1H-pyrazol-3-yl]methyl]-3-methyl-, (3S)-
MF C25 H31 F N6 O

Absolute stereochemistry.

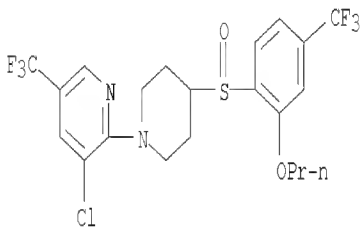


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

L3 12 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN
IN Pyridine, 3-chloro-2-[4-[[2-propoxy-4-(trifluoromethyl)phenyl]sulfinyl]-1-

piperidinyl]-5-(trifluoromethyl)-
MF C21 H21 Cl F6 N2 O2 S

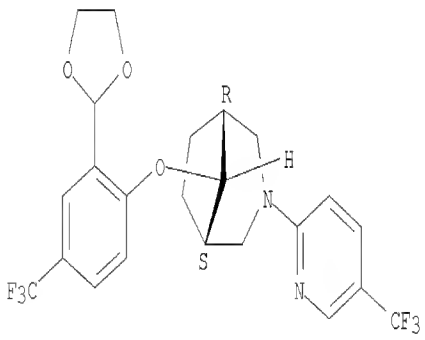


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

L3 12 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN
IN 3-Azabicyclo[3.2.1]octane, 8-[2-(1,3-dioxolan-2-yl)-4-(trifluoromethyl)phenoxy]-3-[5-(trifluoromethyl)-2-pyridinyl]-, (8-anti)-
MF C23 H22 F6 N2 O3

Relative stereochemistry.

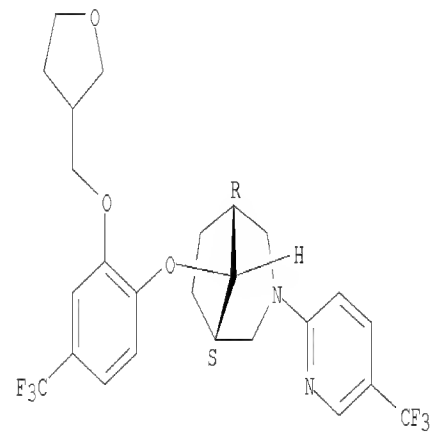


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

L3 12 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN
IN 3-Azabicyclo[3.2.1]octane, 8-[2-[(tetrahydro-3-furanyl)methoxy]-4-(trifluoromethyl)phenoxy]-3-[5-(trifluoromethyl)-2-pyridinyl]-, (8-anti)-
MF C25 H26 F6 N2 O3

Relative stereochemistry.

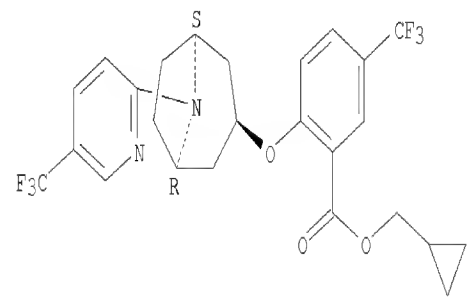


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

L3 12 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN
IN Benzoic acid, 5-(trifluoromethyl)-2-[[(3-endo)-8-[5-(trifluoromethyl)-2-pyridinyl]-8-azabicyclo[3.2.1]oct-3-yl]oxy]-, cyclopropylmethyl ester
MF C25 H24 F6 N2 O3

Relative stereochemistry.



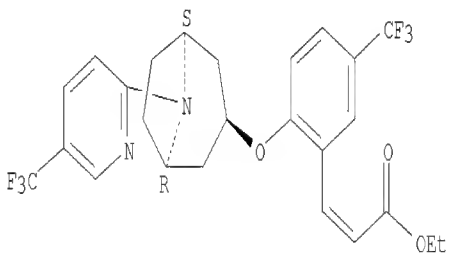
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

L3 12 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN

IN 2-Propenoic acid, 3-[5-(trifluoromethyl)-2-[[(3-endo)-8-[5-(trifluoromethyl)-2-pyridinyl]-8-azabicyclo[3.2.1]oct-3-yl]oxy]phenyl]-, ethyl ester
MF C25 H24 F6 N2 O3

Relative stereochemistry.
Double bond geometry unknown.

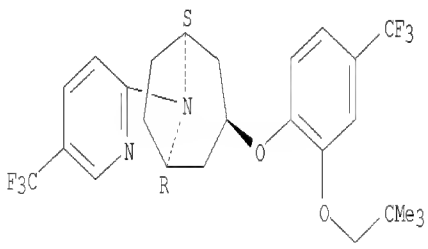


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

L3 12 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN
IN 8-Azabicyclo[3.2.1]octane, 3-[2-(2,2-dimethylpropoxy)-4-(trifluoromethyl)phenoxy]-8-[5-(trifluoromethyl)-2-pyridinyl]-, (3-endo)-
MF C25 H28 F6 N2 O2

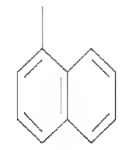
Relative stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

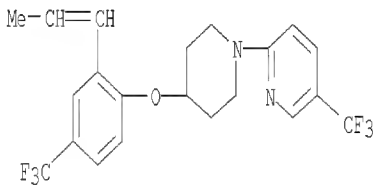
L3 12 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN
IN Pyridine, 2-[4-[4-(1-naphthalenylmethoxy)phenoxy]-1-piperidinyl]-5-(trifluoromethyl)-
MF C28 H25 F3 N2 O2



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

L3 12 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN
IN Pyridine, 2-[4-[2-(1-propenyl)-4-(trifluoromethyl)phenoxy]-1-piperidinyl]-5-(trifluoromethyl)- (9CI)
MF C21 H20 F6 N2 O

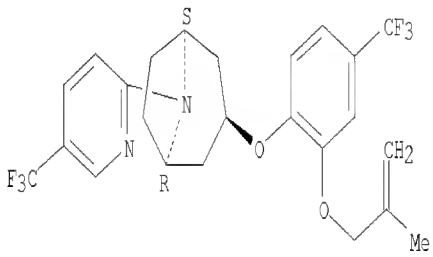


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

L3 12 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN
IN 8-Azabicyclo[3.2.1]octane, 3-[2-[(2-methyl-2-propenyl)oxy]-4-(trifluoromethyl)phenoxy]-8-[5-(trifluoromethyl)-2-pyridinyl]-, (3-endo)-(9CI)
MF C24 H24 F6 N2 O2

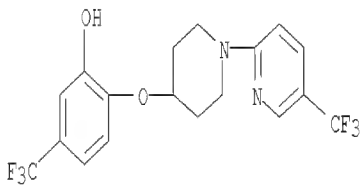
Relative stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

L3 12 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN
IN Phenol, 5-(trifluoromethyl)-2-[[1-[5-(trifluoromethyl)-2-pyridinyl]-4-piperidinyl]oxy]-
MF C18 H16 F6 N2 O2



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

ALL ANSWERS HAVE BEEN SCANNED

=> d his

(FILE 'HOME' ENTERED AT 18:47:07 ON 12 MAR 2008)

FILE 'REGISTRY' ENTERED AT 18:47:19 ON 12 MAR 2008
L1 STRUCTURE UPLOADED
L2 QUE L1
L3 12 S L1

=> s l1 full
FULL SEARCH INITIATED 18:48:27 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 154963 TO ITERATE

100.0% PROCESSED 154963 ITERATIONS 672 ANSWERS
SEARCH TIME: 00.00.02

L4 672 SEA SSS FUL L1

=> file caplus
FILE 'CAPLUS' ENTERED AT 18:49:39 ON 12 MAR 2008
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

FILE COVERS 1907 - 12 Mar 2008 VOL 148 ISS 11
FILE LAST UPDATED: 11 Mar 2008 (20080311/ED)

Effective October 17, 2005, revised CAS Information Use Policies apply. They are available for your review at:

http://www.cas.org/infopolicy.html

=> s l4
L5 38 L4

=> d cbib abs hitstr 1-38

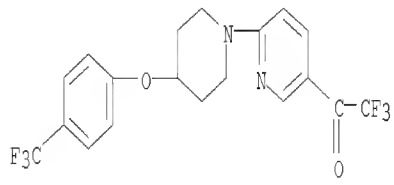
L5 ANSWER 1 OF 38 CAPLUS COPYRIGHT 2008 ACS on STN
2007:1086827 Document No. 147:385848 Trifluoroacetyl-substituted heterocycles as histone deacetylase inhibitors, their preparation, pharmaceutical compositions, and use in therapy. Jones, Philip; Ontoria Ontoria, Jesus Maria; Schultz-Fademrecht, Carsten (Istituto di Ricerche di Biologia Molecolare P. Angeletti S.p.A., Italy). PCT Int. Appl. WO 2007107594 A2 20070927, 44pp. DESIGNATED STATES: W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG; RW: AT, BE, BF, BJ, CF, CG, CH, CI, CM, CY, DE, DK, ES, FI, FR, GA, GB, GR, IE, IS, IT, LU, MC, ML, MR, MT, NE, NL, PT, SE, SN, TD, TG, TR. (English). CODEN: PIXXD2. APPLICATION: WO 2007-EP52712 20070321. PRIORITY: GB 2006-5573 20060321.
GI

* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *

AB The invention relates to trifluoroacetyl-substituted heterocycles of formula I, which are inhibitors of histone deacetylase (HDAC), particularly class II HDAC. In compds. I, each of X, Y, and Z is independently selected from N and CH; and each of R1 and R2 is independently selected from H, C2-6 alkenyl, C2-6 alkynyl, C3-8 cycloalkyl, C6-10 aryl, C6-10 aryl-C1-6 alkyl, C6-10 aryl-C1-6 alkoxy, 5- to 10-membered heterocyclyl, and 5- to 10-membered heteroaryl, or R1 and R2, together with the nitrogen atom to which they are attached, form (un)substituted 4- to 7-membered heterocyclyl; including salts and tautomers thereof. The invention also relates to the preparation of I, pharmaceutical compns. comprising a compound I and a pharmaceutically acceptable carrier, as well as to the use of the compns. for the treatment of conditions that respond to histone deacetylase inhibition, such as cellular proliferative diseases, neurodegenerative diseases, schizophrenia, and stroke. Addition of (trifluoromethyl)trimethylsilane to 6-fluoro-3-pyridinecarboxaldehyde followed by oxidation formed ketone II, which underwent substitution with 4-phenylpiperidin-4-ol to give the trifluoroacetate salt of (trifluoroacetyl)pyridine III. The compds. of the invention, e.g., III, expressed IC50 values of less than 10 μM in the assays used (no specific data).
IT 950687-78-2P, 5-(Trifluoroacetyl)-2-[4-[4-(trifluoromethyl)phenoxy]piperidin-1-yl]pyridine trifluoroacetate
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(drug candidate; preparation of trifluoroacetyl-substituted heterocycles as histone deacetylase inhibitors)
RN 950687-78-2 CAPLUS
CN Ethanone, 2,2,2-trifluoro-1-[6-[4-[4-(trifluoromethyl)phenoxy]-1-piperidinyl]-3-pyridinyl]-, 2,2,2-trifluoroacetate (1:1) (CA INDEX NAME)

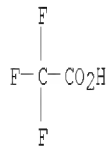
CM 1

CRN 950687-77-1
CMF C19 H16 F6 N2 O2

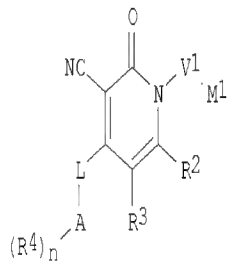


CM 2

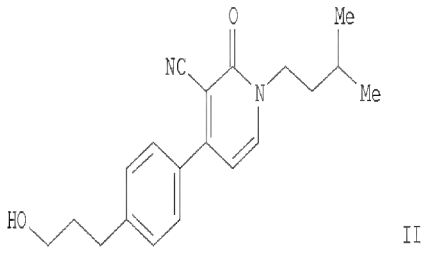
CRN 76-05-1
CMF C2 H F3 O2



L5 ANSWER 2 OF 38 CAPLUS COPYRIGHT 2008 ACS on STN
2007:1061003 Document No. 147:385843 1,4-Disubstituted 3-cyanopyridone derivatives and their use as positive allosteric modulators of mGlu2-receptors and their preparation. Imogai, Hassan Julien; Cid-Nunez, Jose Maria; Andres-Gil, Jose Ignacio; Trabanco-Suarez, Andres Avelino; Oyarzabal Santamarina, Julen; Dautzenberg, Frank Matthias; Macdonald, Gregor James; Pullan, Shirley Elizabeth; Luetjens, Robert Johannes; Duvey, Guillaume Albert Jacques; Nhem, Vanthea; Finn, Terry Patrick; Melikyan, Gagik (Janssen Pharmaceutica N.V., Belg.; Addex Pharmaceuticals S.A.). PCT Int. Appl. WO 2007104783 A2 20070920, 180pp. DESIGNATED STATES: W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US; RW: AT, BE, BF, BJ, CF, CG, CH, CI, CM, CY, DE, DK, ES, FI, FR, GA, GB, GR, IE, IS, IT, LU, MC, ML, MR, MT, NE, NL, PT, SE, SN, TD, TG, TR. (English). CODEN: PIXXD2. APPLICATION: WO 2007-EP52442 20070315. PRIORITY: EP 2006-111215 20060315; EP 2007-103654 20070307.
GI



I



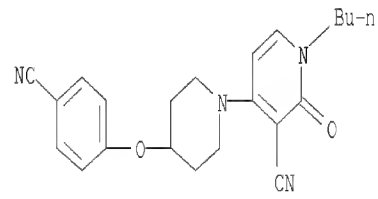
II

AB The invention relates to compds., in particular pyridinone derivs. according to formula I wherein all radicals are defined in the application and claims. Compds. of formula I wherein V1 is a covalent bond and bivalent (un)saturated (un)branched C1-6 hydrocarbon radical; M1 is H, C3-7 cycloalkyl, aryl, alkylcarbonyl, alkyloxy, aryloxy, arylcarbonyl, etc.; L is a covalent bond, O, OCH2, OCH2CH2, OCH2CH2O, OCH2CH2OCH2, S, NH and derivs., etc.; R2 and R3 are independently H, halo and alkyl; A is (un)substituted Ph, (un)substituted piperazinyl, (un)substituted piperidinyl, (un)substituted thienyl, (un)substituted furanyl, etc.; R4 is halo, CN, OH, oxo, formyl, ethanoyl, carboxyl, NO2, etc.; n is 0, 1, 2, and 3; and their pharmaceutically acceptable acid and addition base salts, stereochem. isomeric forms, N-oxides, and quaternary ammonium salts thereof, are claimed. The compds. according to the invention are pos. allosteric modulators of metabotropic receptors - sub-type 2 ("mGluR2") which are useful for the treatment or prevention of neurol. and psychiatric disorders associated with glutamate dysfunction and diseases in which the mGluR2 subtype of metabotropic receptors is involved. In particular, such diseases are central nervous system disorders selected from the group of anxiety, schizophrenia, migraine, depression, and epilepsy. The invention is also directed to pharmaceutical compns. and processes to prepare such compds. and compns., as well as to the use of such compds. for the prevention and treatment of such diseases in which mGluR2 is involved. Example compound II was prepared by a general procedure (procedure given). All the invention compds. were evaluated for their mGlu-2 receptor modulatory activity. From the assay, it was determined that compound II exhibited a pEC50 value of 6.2.

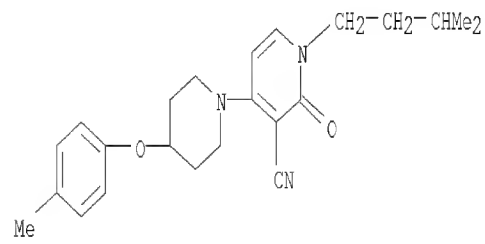
IT 950200-27-8P 950200-34-7P 950200-35-8P
950200-37-0P 950200-61-0P
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(drug candidate; preparation of cyano-pyridinone derivs. as pos. allosteric modulators of mGluR2 receptors useful in treatment and prevention of

diseases associated with mGluR2 receptors)

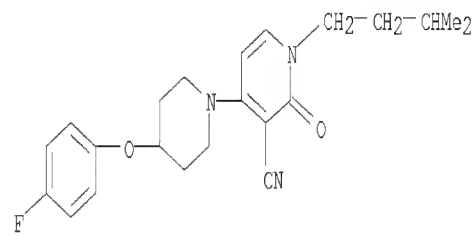
RN 950200-27-8 CAPLUS
CN 3-Pyridinecarbonitrile, 1-butyl-4-[4-(4-cyanophenoxy)-1-piperidinyl]-1,2-dihydro-2-oxo- (CA INDEX NAME)



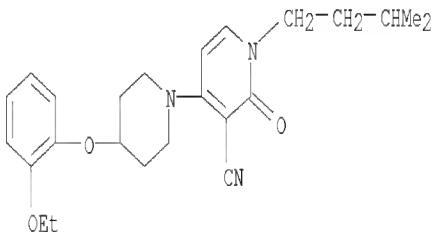
RN 950200-34-7 CAPLUS
CN 3-Pyridinecarbonitrile, 1,2-dihydro-1-(3-methylbutyl)-4-[4-(4-methylphenoxy)-1-piperidinyl]-2-oxo- (CA INDEX NAME)



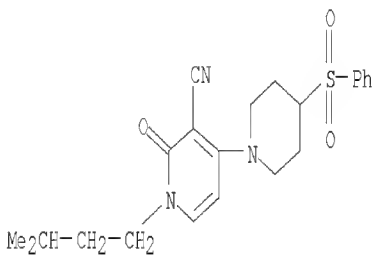
RN 950200-35-8 CAPLUS
CN 3-Pyridinecarbonitrile, 4-[4-(4-fluorophenoxy)-1-piperidinyl]-1,2-dihydro-1-(3-methylbutyl)-2-oxo- (CA INDEX NAME)



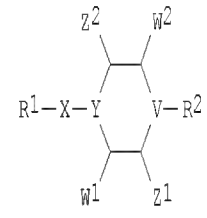
RN 950200-37-0 CAPLUS
CN 3-Pyridinecarbonitrile, 4-[4-(2-ethoxyphenoxy)-1-piperidinyl]-1,2-dihydro-1-(3-methylbutyl)-2-oxo- (CA INDEX NAME)



RN 950200-61-0 CAPLUS
CN 3-Pyridinecarbonitrile, 1,2-dihydro-1-(3-methylbutyl)-2-oxo-4-[4-(phenylsulfonyl)-1-piperidinyl]- (CA INDEX NAME)



L5 ANSWER 3 OF 38 CAPLUS COPYRIGHT 2008 ACS on STN
2007:906246 Document No. 147:277637 Sulfonylated piperidine and piperazine derivatives as 11-βHSD1 inhibitors and their preparation, pharmaceutical compositions and use in the treatment of diseases. Xiang, Jason Shaoyun; Saiah, Eddine; Tam, Steve Y.; Mckew, John C.; Chen, Lihren; Ipek, Manus; Lee, Katherine; Li, Huan-Qui; Li, Jianchang; Li, Wei; Mansour, Tarek Suhayl; Suri, Vipin; Vargas, Richard; Wu, Yuchuan; Wan, Zhao-Kui; Lee, Jinbo; Binnun, Eva; Wilson, Douglas P. (Wyeth, John, and Brother Ltd., USA). PCT Int. Appl. WO 2007092435 A2 20070816, 277pp. DESIGNATED STATES: W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG; RW: AT, BE, BF, BJ, CF, CG, CH, CI, CM, CY, DE, DK, ES, FI, FR, GA, GB, GR, IE, IS, IT, LU, MC, ML, MR, NE, NL, PT, SE, SN, TD, TG, TR. (English). CODEN: PIXXD2. APPLICATION: WO 2007-US3134 20070207. PRIORITY: US 2006-771262P 20060207.
GI



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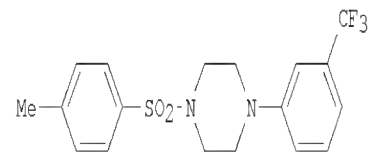

II

AB This invention relates to compds. of formula I that inhibit 11βHSD1. Compds. of formula I wherein R1 is (un)substituted C6-18 (hetero)aryl, (un)substituted C7-20 aralkyl, (un)substituted 6- to 20-membered heteroaralkyl, (un)substituted 8- to 20-membered arylheterocyclyl, (un)substituted 8- to 20-membered aryl(hetero)cycloalkenyl; R2 is (un)substituted C1-18 aryl and (un)substituted 5- to 20-membered heteroaryl; X is SO, SO2, SONH and derivs. and SO2NH and derivs.; V and Y are independently N, CH, C-C1-12 alkyl, provided that Y and V cannot both be CH and C-C1-12 alkyl; W1, Z1, W2 and Z2 are independently C1-12 alkyl, oxo, (un)substituted C6-18 aryl, (un)substituted 5- to 20-membered heteroaryl, C7-20 aralkyl, C3-16 cycloalkyl, 6- to 20-membered heteroaralkyl, etc.; and their pharmaceutically acceptable salts and N-oxides thereof, are claimed. Example compound II was prepared by sulfonylation of 1(3-trifluoromethylphenyl)piperazine with 4-methylbenzenesulfonyl chloride. All the invention compds. were evaluated for their 11-βHSD1 inhibitory activity (no data).
IT 946394-88-3P 946394-89-4P 946394-90-7P
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946395-03-5P 946395-05-7P 946395-06-8P
946395-10-4P 946395-11-5P 946395-12-6P
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946395-26-2P 946395-29-5P 946395-30-8P
946395-31-9P 946395-32-0P 946395-33-1P
946395-34-2P 946395-37-5P 946395-38-6P
946395-39-7P
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(drug candidate; preparation of sulfonylated piperidine and piperazine derivs. as 11-βHSD1 inhibitors useful in the treatment of diseases)
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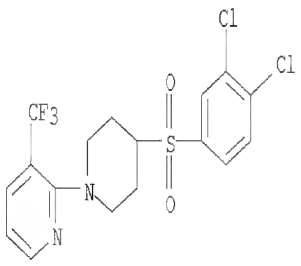
(trifluoromethyl)- (CA INDEX NAME)



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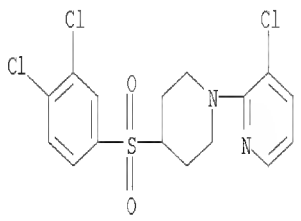
(CA INDEX NAME)



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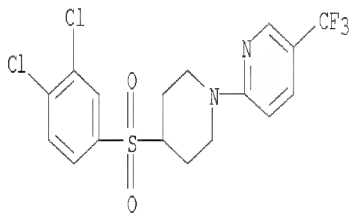
(trifluoromethyl)- (CA INDEX NAME)



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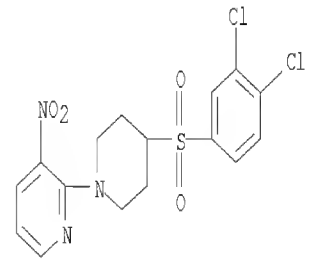
INDEX NAME)



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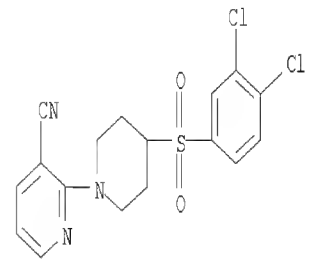
CN 3-Pyridinecarbonitrile, 2-[4-[(3,4-dichlorophenyl)sulfonyl]-1-piperidinyl]-
(CA INDEX NAME)



RN 946394-94-1 CAPLUS
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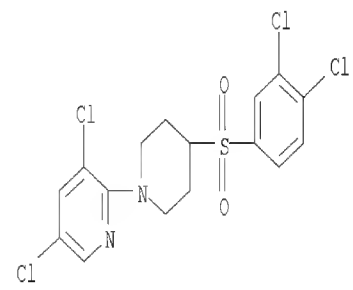
(CA INDEX NAME)



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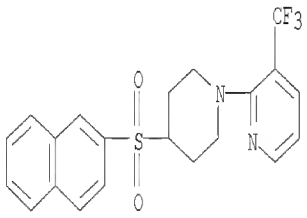
(CA INDEX NAME)



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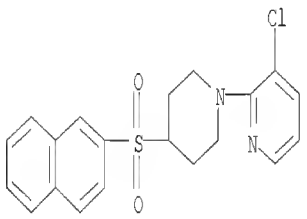

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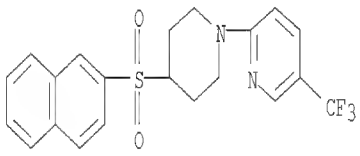

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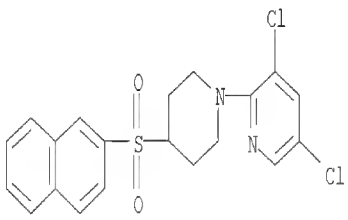

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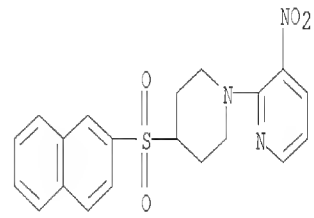
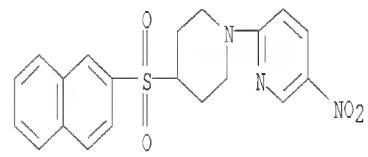
CN Pyridine, 2-[4-(2-naphthalenylsulfonyl)-1-piperidinyl]-3-nitro- (CA INDEX NAME)



RN 946395-01-3 CAPLUS
CN Pyridine, 2-[4-(2-naphthalenylsulfonyl)-1-piperidinyl]-5-nitro- (CA INDEX NAME)



RN 946395-03-5 CAPLUS
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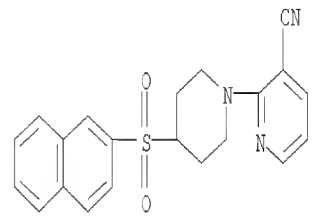

RN 946395-05-7 CAPLUS
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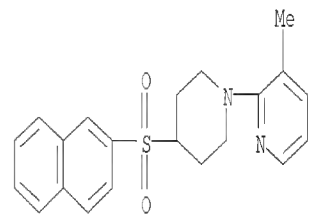

RN 946395-06-8 CAPLUS

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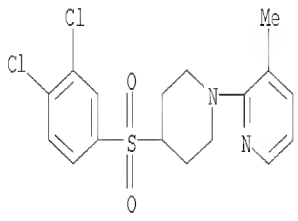

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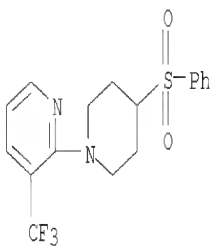

RN 946395-11-5 CAPLUS
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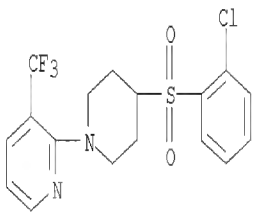
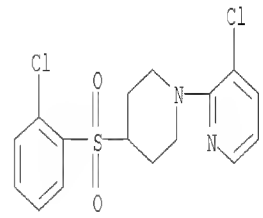


RN 946395-12-6 CAPLUS
CN Pyridine, 3-chloro-2-[4-[(2-chlorophenyl)sulfonyl]-1-piperidinyl]- (CA INDEX NAME)



RN 946395-13-7 CAPLUS
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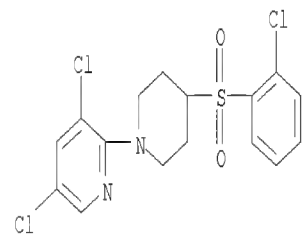

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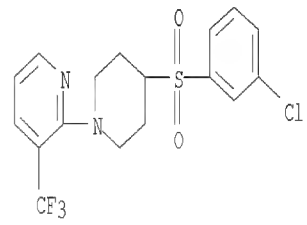
CN Pyridine, 2-[4-[(3-chlorophenyl)sulfonyl]-1-piperidinyl]-3-(trifluoromethyl)- (CA INDEX NAME)



RN 946395-15-9 CAPLUS
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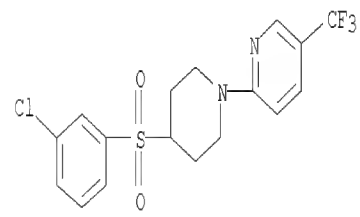

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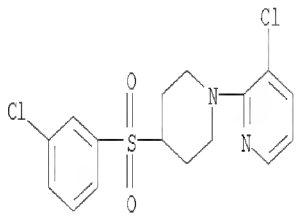

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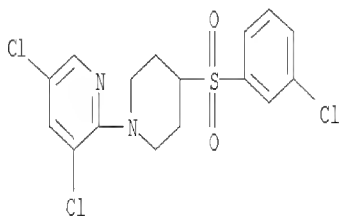

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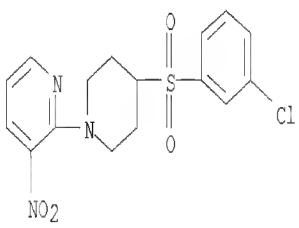

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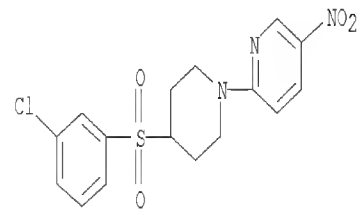

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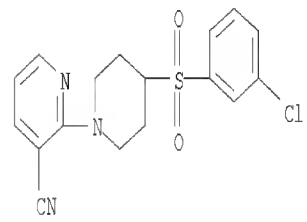

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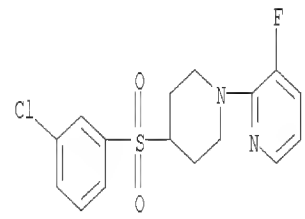

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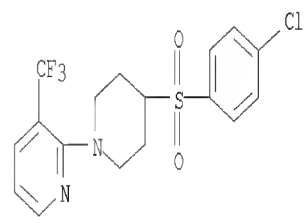

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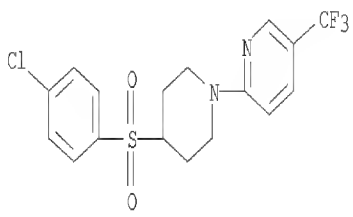

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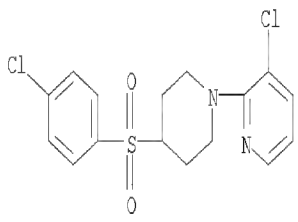

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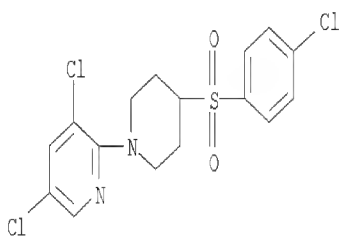

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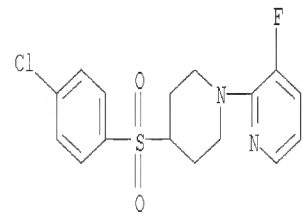

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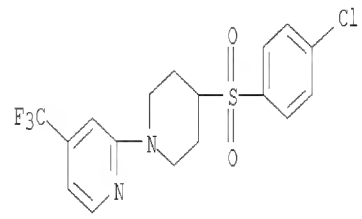

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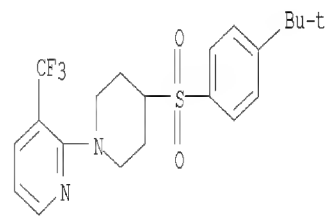

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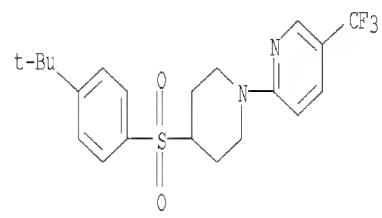
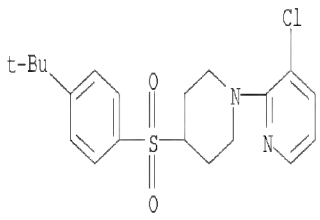
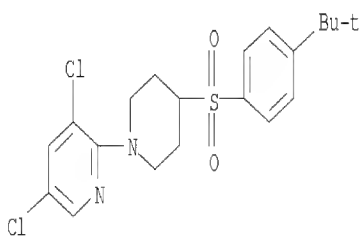


RN 946395-33-1 CAPLUS

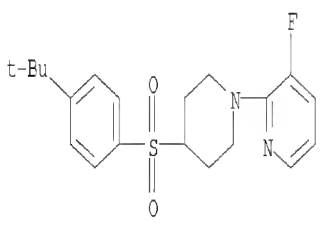
CN Pyridine, 3-chloro-2-[4-[[4-(1,1-dimethylethyl)phenyl]sulfonyl]-1-piperidinyl]- (CA INDEX NAME)



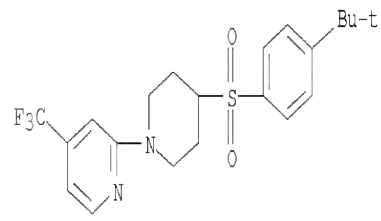
RN 946395-34-2 CAPLUS
CN Pyridine, 3,5-dichloro-2-[4-[[4-(1,1-dimethylethyl)phenyl]sulfonyl]-1-piperidinyl]- (CA INDEX NAME)



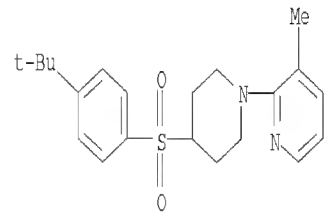
RN 946395-37-5 CAPLUS
CN Pyridine, 2-[4-[[4-(1,1-dimethylethyl)phenyl]sulfonyl]-1-piperidinyl]-3-fluoro- (CA INDEX NAME)



RN 946395-38-6 CAPLUS
CN Pyridine, 2-[4-[[4-(1,1-dimethylethyl)phenyl]sulfonyl]-1-piperidinyl]-4-(trifluoromethyl)- (CA INDEX NAME)



RN 946395-39-7 CAPLUS
CN Pyridine, 2-[4-[[4-(1,1-dimethylethyl)phenyl]sulfonyl]-1-piperidinyl]-3-methyl- (CA INDEX NAME)



L5 ANSWER 4 OF 38 CAPLUS COPYRIGHT 2008 ACS on STN
2007:706099 Document No. 147:118234 Preparation of imidazopyridines as enzyme inhibitors, especially Aurora kinase inhibitors, for treating cell proliferative diseases. Bavetsias, Vassilios; MacDonald, Edward; Linardopoulos, Spyridon (Chroma Therapeutics Ltd., UK). PCT Int. Appl. WO 2007072017 A2 20070628, 244pp. DESIGNATED STATES: W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG; RW: AT, BE, BF, BJ, CF, CG, CH, CI, CM, CY, DE, DK, ES, FI, FR, GA, GB, GR, IE, IS, IT, LU, MC, ML, MR, NE, NL, PT, SE, SN, TD, TG, TR. (English). CODEN: PIXXD2. APPLICATION: WO 2006-GB4854 20061221. PRIORITY: GB 2005-26169 20051222; GB 2006-20884 20061020.

GI

* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *

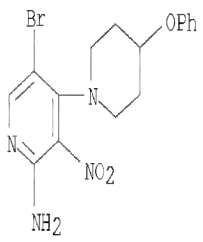
AB The invention is related to imidazopyridines I [X = N, CH2N, CH2CH, CH; R1 = -(Z)r-(Alk)s-A; Z = CH2, NH, O, SO2, a divalent monocyclic carbocyclyl or heterocyclyl radical having 3-7 ring atoms, etc.; Alk = (un)substituted alkylene; A = H, (un)substituted monocyclic carbocyclyl or heterocyclyl ring having 3-7 ring atoms; r, s = independently 0-1, provided that when A = H then at least one of r and s = 1; R2 = halo, CN, cF3, OMe, cyclopropyl; R3 = -(Alk1)m-(Z1)p-(Alk2)n-Q; Q = H, (un)substituted Ph or monocyclic heterocyclyl with 5-6 ring atoms; Z1 = S, SO, SO2, O, SO2NH,

NHSO2, NHCONH, NHCSNH, NH and derivs.; Alk1, Alk2 = independently (un)substituted alkylene; m, n, p = independently 0-1], their salts, hydrates, solvates, and N-oxides, as Aurora kinase inhibitors and antiproliferative agents. Thus, amination of 2-amino-4,5-dichloropyridine (preparation given) with 2-(piperazin-1-yl)acetic acid N-(2-thiazolyl)amide, and cyclization of 2-amino-3-nitropyridine intermediate with 4-dimethylaminobenzaldehyde in EtOH in the presence of Na2S2O4 gave imidazopyridine II. Imidazopyridine II showed IC50 < 500 nM in the Aurora-A inhibition assay and for inhibition of HCT 116 cancer cell lines. I are useful for treating cell proliferative diseases such as cancer.

IT 942950-07-4P, 5-Bromo-3-nitro-4-(4-phenoxypiperidin-1-yl)pyridin-2-amine
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(intermediate; preparation of imidazopyridines as Aurora kinase inhibitors and antiproliferative agents)

RN 942950-07-4 CAPLUS

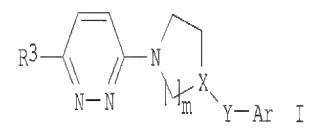
CN 2-Pyridinamine, 5-bromo-3-nitro-4-(4-phenoxy-1-piperidinyl)- (CA INDEX NAME)



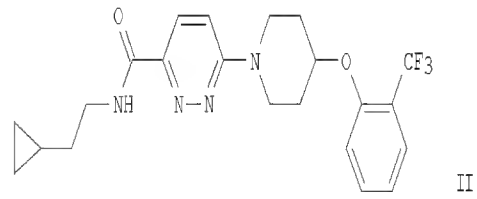
L5 ANSWER 5 OF 38 CAPLUS COPYRIGHT 2008 ACS on STN

2007:702653 Document No. 147:118248 Preparation of heteroaromatic compounds as inhibitors of stearoyl-coenzyme A delta-9 desaturase. Deschenes, Denis; Fortin, Rejean; Li, Chun Sing; Oballa, Renata M.; Ramtohul, Yeeman K. (Merck Frosst Canada Ltd., Can.). PCT Int. Appl. WO 2007071023 A1 20070628, 64pp. DESIGNATED STATES: W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG; RW: AT, BE, BF, BJ, CF, CG, CH, CI, CM, CY, DE, DK, ES, FI, FR, GA, GB, GR, IE, IS, IT, LU, MC, ML, MR, NE, NL, PT, SE, SN, TD, TG, TR. (English). CODEN: PIXXD2. APPLICATION: WO 2006-CA2053 20061218. PRIORITY: US 2005-751874P 20051220.

GI



I



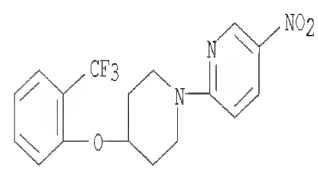
II

AB The title compds. [I; m = 1-3; X-Y = CH-O, CH-S(O)p, CH-C(O), etc.; p = 1-2; Ar = (un)substituted Ph, naphthyl, heteroaryl; R3 = (un)substituted C(O)NH2, OC(O)NH2, SO2NH2, etc.] which are selective inhibitors of stearoyl-CoA delta-9 desaturase (SCD1) relative to other known stearoyl-CoA desaturases, and therefore useful for the prevention and treatment of conditions related to abnormal lipid synthesis and metabolism, including cardiovascular disease, such as atherosclerosis; lipid disorders; obesity; diabetes; neurol. disease; metabolic syndrome; insulin resistance; fatty liver disease and cancer, were prepared and formulated. E.g., a multi-step synthesis of II, starting from 3-chloro-6-methylpyridazine, was given. Compds. I exhibit an inhibition constant IC50 of less than 1 μM and more typically less than 0.1 μM.

IT 943138-89-4P 943138-90-7P 943138-91-8P
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of piperidinyl pyridazines as inhibitors of stearoyl-CoA delta-9 desaturase)

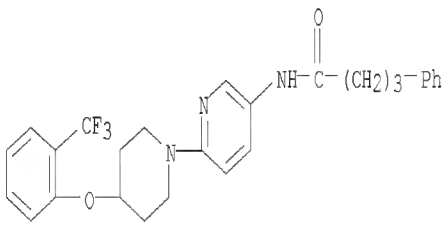
RN 943138-89-4 CAPLUS

CN Pyridine, 5-nitro-2-[4-[2-(trifluoromethyl)phenoxy]-1-piperidinyl]- (CA INDEX NAME)

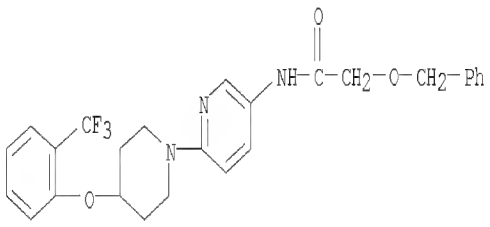


RN 943138-90-7 CAPLUS

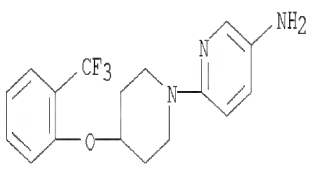
CN Benzenebutanamide, N-[6-[4-[2-(trifluoromethyl)phenoxy]-1-piperidinyl]-3-pyridinyl]- (CA INDEX NAME)



RN 943138-91-8 CAPLUS
CN Acetamide, 2-(phenylmethoxy)-N-[6-[4-[2-(trifluoromethyl)phenoxy]-1-piperidinyl]-3-pyridinyl]- (CA INDEX NAME)



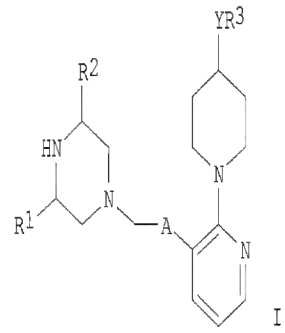
IT 943139-16-0P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation of piperidinyl pyridazines as inhibitors of stearoyl-CoA delta-9 desaturase)
RN 943139-16-0 CAPLUS
CN 3-Pyridinamine, 6-[4-[2-(trifluoromethyl)phenoxy]-1-piperidinyl]- (CA INDEX NAME)



L5 ANSWER 6 OF 38 CAPLUS COPYRIGHT 2008 ACS on STN
2007:642552 Document No. 147:72799 Preparation of piperazinylmethylheteroarylpyridinylpiperidines as agonists of the GPR38 receptor. MacDonald, Gregor James; Mitchell, Darren Jason; Thompson, Mervyn; Westaway, Susan Marie (Glaxo Group Limited, UK). PCT Int. Appl. WO 2007065669 A1 20070614, 59pp. DESIGNATED STATES: W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG; RW: AT, BE, BF, BJ, CF, CG, CH, CI, CM, CY, DE, DK,

ES, FI, FR, GA, GB, GR, IE, IS, IT, LU, MC, ML, MR, NE, NL, PT, SE, SN, TD, TG, TR. (English). CODEN: PIXXD2. APPLICATION: WO 2006-EP11734 20061201. PRIORITY: GB 2005-24814 20051205.

GI

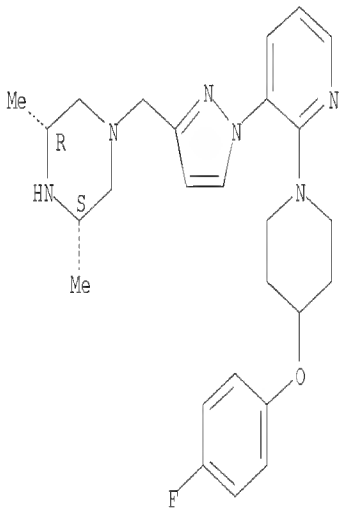


I

AB Title compds. {I; A = (substituted) 5-6 membered heteroaryl, heterocyclyl; R1, R2 = H, alkyl; Y = NH, O, CH2; R3 = (substituted) Ph, 5-6 membered heteroaryl], were prepared Thus, (2R,6S)-2,6-dimethyl-4-(1H-pyrazol-3-ylmethyl)-1-trifluoroacetylpiperazine (preparation given), 1-(3-bromo-2-pyridinyl)-N-(4-fluorophenyl)-4-piperidinamine (preparation given), CuI, and L-proline were microwaved together in Me2SO at 170° for 6 h to give the coupling product, which was deprotected with K2CO3 in MeOH/H2O at 60° for 16 h to give 1-[3-[3-[[(3R,5S)-3,5-dimethyl-1-piperazinyl]methyl]-1H-pyrazol-1-yl]-2-pyridinyl]-N-(4-fluorophenyl)-4-piperidinamine. In a GPR38 FLIPR functional assay, tested I showed pEC50 >5.

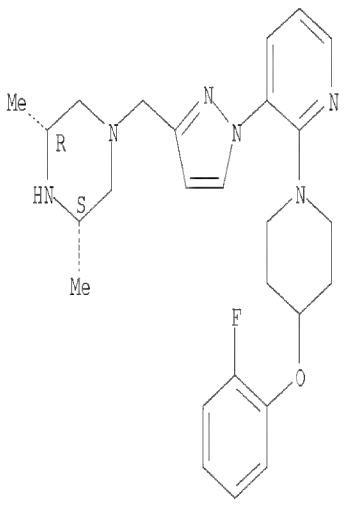
IT 941572-30-1P 941572-31-2P 941572-32-3P
941572-33-4P 941572-34-5P
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(claimed compound; preparation of piperazinylmethylheteroarylpyridinylpiperidines as agonists of GPR38 receptor)
RN 941572-30-1 CAPLUS
CN Piperazine, 1-[[1-[2-[4-(4-fluorophenoxy)-1-piperidinyl]-3-pyridinyl]-1H-pyrazol-3-yl]methyl]-3,5-dimethyl-, (3R,5S)-rel- (CA INDEX NAME)

Relative stereochemistry.



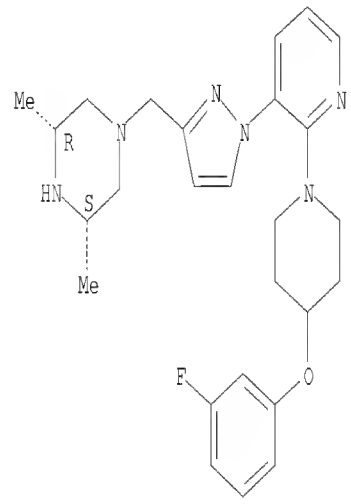
RN 941572-31-2 CAPLUS
CN Piperazine, 1-[[1-[2-[4-(2-fluorophenoxy)-1-piperidinyl]-3-pyridinyl]-1H-pyrazol-3-yl]methyl]-3,5-dimethyl-, (3R,5S)-rel- (CA INDEX NAME)

Relative stereochemistry.



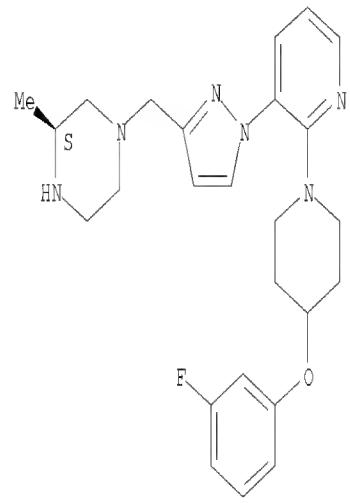
RN 941572-32-3 CAPLUS
CN Piperazine, 1-[[1-[2-[4-(3-fluorophenoxy)-1-piperidinyl]-3-pyridinyl]-1H-pyrazol-3-yl]methyl]-3,5-dimethyl-, (3R,5S)-rel- (CA INDEX NAME)

Relative stereochemistry.



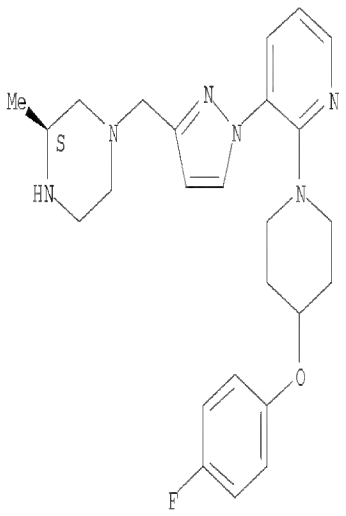
RN 941572-33-4 CAPLUS
CN Piperazine, 1-[[1-[2-[4-(3-fluorophenoxy)-1-piperidinyl]-3-pyridinyl]-1H-pyrazol-3-yl]methyl]-3-methyl-, (3S)- (CA INDEX NAME)

Absolute stereochemistry.



RN 941572-34-5 CAPLUS
CN Piperazine, 1-[[1-[2-[4-(4-fluorophenoxy)-1-piperidinyl]-3-pyridinyl]-1H-pyrazol-3-yl]methyl]-3-methyl-, hydrochloride (1:1), (3S)- (CA INDEX NAME)

Absolute stereochemistry.



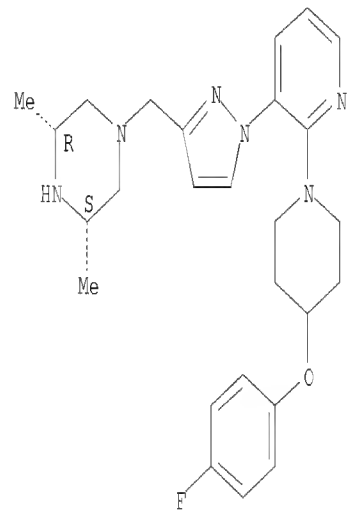
● HCl

IT 941572-76-5P
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of piperazinylmethylheteroarylpyridinylpiperidines as agonists of GPR38 receptor)

RN 941572-76-5 CAPLUS

CN Piperazine, 1-[[1-[2-[4-(4-fluorophenoxy)-1-piperidinyl]-3-pyridinyl]-1H-pyrazol-3-yl]methyl]-3,5-dimethyl-, hydrochloride (1:?), (3R,5S)-rel- (CA INDEX NAME)

Relative stereochemistry.

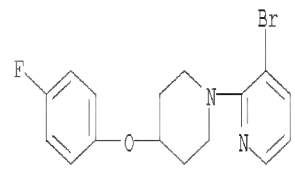


●x HCl

IT 941572-58-3P 941572-59-4P 941572-60-7P
941572-61-8P 941572-62-9P 941572-63-0P
941572-64-1P 941572-65-2P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation of piperazinylmethylheteroarylpyridinylpiperidines as agonists of GPR38 receptor)

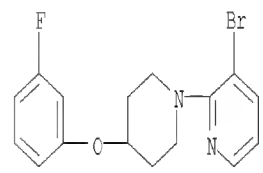
RN 941572-58-3 CAPLUS

CN Pyridine, 3-bromo-2-[4-(4-fluorophenoxy)-1-piperidinyl]- (CA INDEX NAME)



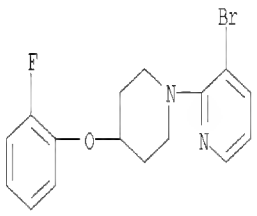
RN 941572-59-4 CAPLUS

CN Pyridine, 3-bromo-2-[4-(3-fluorophenoxy)-1-piperidinyl]- (CA INDEX NAME)



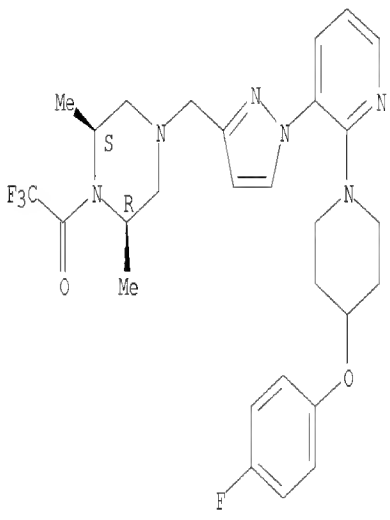
RN 941572-60-7 CAPLUS

CN Pyridine, 3-bromo-2-[4-(2-fluorophenoxy)-1-piperidinyl]- (CA INDEX NAME)



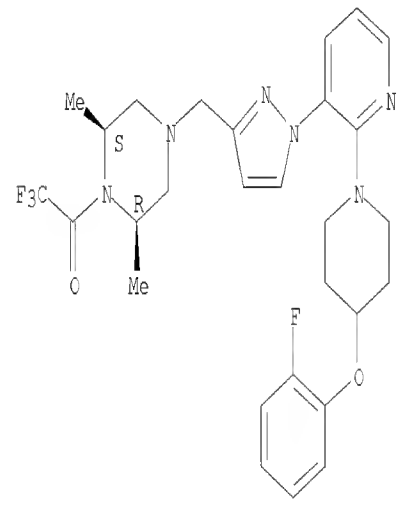
RN 941572-61-8 CAPLUS
CN Ethanone, 2,2,2-trifluoro-1-[(2R,6S)-4-[[1-[2-[4-(4-fluorophenoxy)-1-piperidinyl]-3-pyridinyl]-1H-pyrazol-3-yl]methyl]-2,6-dimethyl-1-piperazinyl]-, rel- (CA INDEX NAME)

Relative stereochemistry.



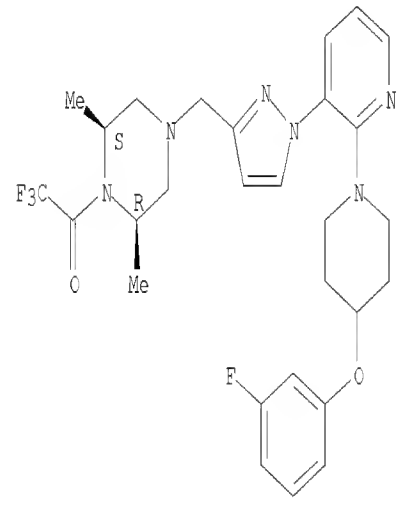
RN 941572-62-9 CAPLUS
CN Ethanone, 2,2,2-trifluoro-1-[(2R,6S)-4-[[1-[2-[4-(2-fluorophenoxy)-1-piperidinyl]-3-pyridinyl]-1H-pyrazol-3-yl]methyl]-2,6-dimethyl-1-piperazinyl]-, rel- (CA INDEX NAME)

Relative stereochemistry.



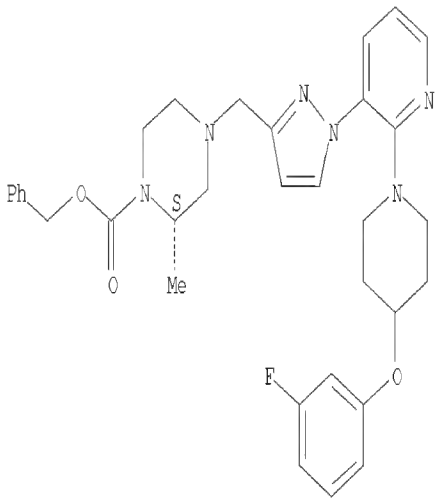
RN 941572-63-0 CAPLUS
CN Ethanone, 2,2,2-trifluoro-1-[(2R,6S)-4-[[1-[2-[4-(3-fluorophenoxy)-1-piperidinyl]-3-pyridinyl]-1H-pyrazol-3-yl]methyl]-2,6-dimethyl-1-piperazinyl]-, rel- (CA INDEX NAME)

Relative stereochemistry.



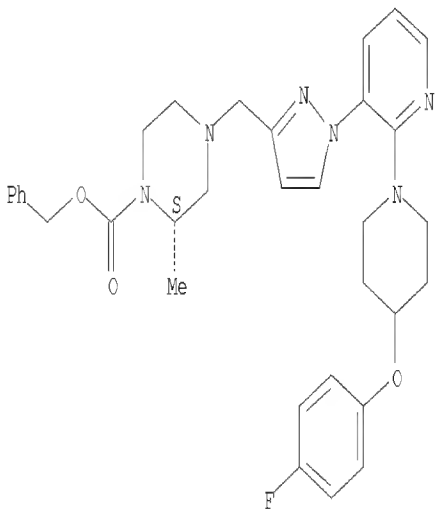
RN 941572-64-1 CAPLUS
CN 1-Piperazinecarboxylic acid, 4-[[1-[2-[4-(3-fluorophenoxy)-1-piperidinyl]-3-pyridinyl]-1H-pyrazol-3-yl]methyl]-2-methyl-, phenylmethyl ester, (2S)- (CA INDEX NAME)

Absolute stereochemistry.



RN 941572-65-2 CAPLUS
CN 1-Piperazinecarboxylic acid, 4-[[1-[2-[4-(4-fluorophenoxy)-1-piperidinyl]-3-pyridinyl]-1H-pyrazol-3-yl]methyl]-2-methyl-, phenylmethyl ester, (2S)- (CA INDEX NAME)

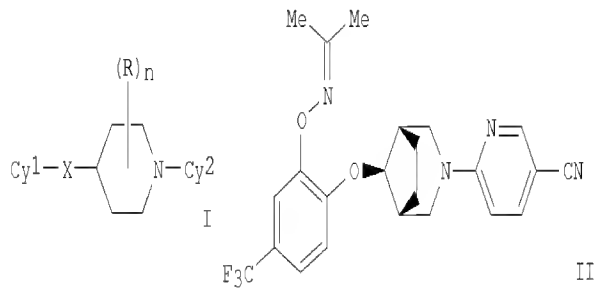
Absolute stereochemistry.



L5 ANSWER 7 OF 38 CAPLUS COPYRIGHT 2008 ACS on STN
2007:409606 Document No. 146:401834 Preparation of azabicyclo[2.2.1]octane derivatives as pesticides. Hamamoto, Isami; Takahashi, Jun; Yano, Makio; Kawaguchi, Masahiro; Hanai, Daisuke; Iwasa, Takao (Nippon Soda Co., Ltd., Japan). PCT Int. Appl. WO 2007040280 A1 20070412, 97pp. DESIGNATED STATES: W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MY, MZ, NA,

NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US; RW: AT, BE, BF, BJ, CF, CG, CH, CI, CM, CY, DE, DK, ES, FI, FR, GA, GB, GR, IE, IS, IT, LU, MC, ML, MR, NE, NL, PT, SE, SN, TD, TG, TR. (Japanese). CODEN: PIXXD2. APPLICATION: WO 2006-JP320126 20061006. PRIORITY: JP 2005-294126 20051006; JP 2005-294127 20051006; JP 2005-297803 20051012; JP 2005-297804 20051012; JP 2006-16877 20060125; JP 2006-182314 20060630.

GI

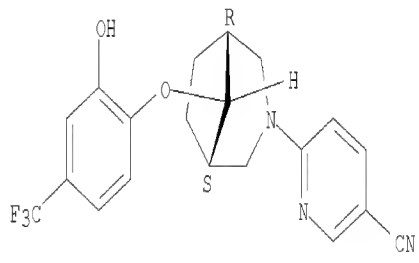


AB The title compds. I [wherein Cy1 = (un)substituted heterocyclyl; Cy2 = (un)substituted cyclyl, heterocyclyl, etc.; n = 0-9; X = O, S, SO, SO2, or (un)substituted NH; R = OH, halo, (un)substituted NH2, etc.; or two R's form a ring] are prepared as pest control agents. For example, the compound II was prepared in a multi-step synthesis. Some of compds. I showed excellent pesticidal activities in tests.

IT 933799-99-6P 933800-00-1P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(intermediate; preparation of azabicyclo[2.2.1]octane derivs. as pesticides)

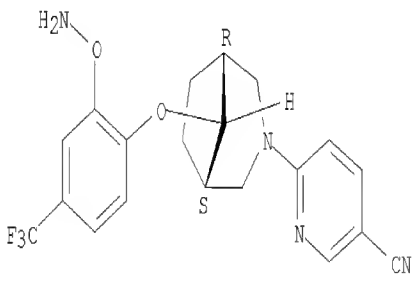
RN 933799-99-6 CAPLUS
CN 3-Pyridinecarbonitrile, 6-[(8-anti)-8-[2-hydroxy-4-(trifluoromethyl)phenoxy]-3-azabicyclo[3.2.1]oct-3-yl]- (CA INDEX NAME)

Relative stereochemistry.



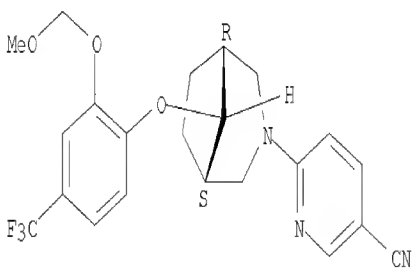
RN 933800-00-1 CAPLUS
CN 3-Pyridinecarbonitrile, 6-[(8-anti)-8-[2-(aminooxy)-4-(trifluoromethyl)phenoxy]-3-azabicyclo[3.2.1]oct-3-yl]- (CA INDEX NAME)

Relative stereochemistry.



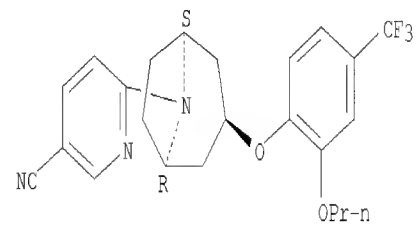
IT 866618-39-5P
RL: AGR (Agricultural use); BSU (Biological study, unclassified); RCT (Reactant); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent); USES (Uses)
(pesticide; preparation of azabicyclo[2.2.1]octane derivs. as pesticides)
RN 866618-39-5 CAPLUS
CN 3-Pyridinecarbonitrile, 6-[(8-syn)-8-[2-(methoxymethoxy)-4-(trifluoromethyl)phenoxy]-3-azabicyclo[3.2.1]oct-3-yl]- (CA INDEX NAME)

Relative stereochemistry.



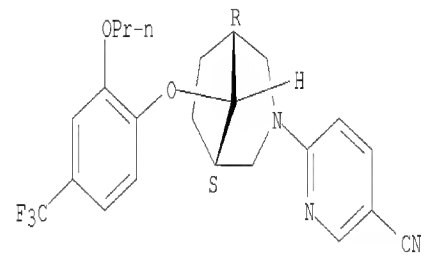
IT 866617-00-7P 866618-28-2P 866618-49-7P
866622-05-1P 933796-86-2P 933797-52-5P
933797-53-6P 933797-58-1P 933797-59-2P
933797-60-5P 933797-61-6P 933797-62-7P
933797-63-8P 933797-64-9P 933797-65-0P
933797-66-1P 933797-67-2P 933798-17-5P
933798-40-4P 933798-63-1P 933798-64-2P
933798-65-3P 933798-66-4P 933798-67-5P
933798-86-8P 933798-87-9P 933798-88-0P
933798-89-1P 933798-90-4P 933799-05-4P
933799-07-6P 933799-93-0P 933799-95-2P
934001-67-9P
RL: AGR (Agricultural use); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)
(pesticide; preparation of azabicyclo[2.2.1]octane derivs. as pesticides)
RN 866617-00-7 CAPLUS
CN 3-Pyridinecarbonitrile, 6-[(3-endo)-3-[2-propoxy-4-(trifluoromethyl)phenoxy]-8-azabicyclo[3.2.1]oct-8-yl]- (CA INDEX NAME)

Relative stereochemistry.



RN 866618-28-2 CAPLUS
CN 3-Pyridinecarbonitrile, 6-[(8-syn)-8-[2-propoxy-4-(trifluoromethyl)phenoxy]-3-azabicyclo[3.2.1]oct-3-yl]- (CA INDEX NAME)

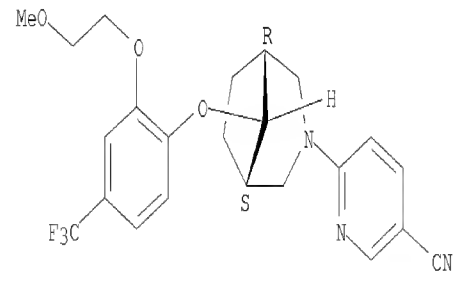
Relative stereochemistry.



RN 866618-49-7 CAPLUS
CN 3-Pyridinecarbonitrile, 6-[(8-syn)-8-[2-(2-methoxyethoxy)-4-(trifluoromethyl)phenoxy]-3-azabicyclo[3.2.1]oct-3-yl]- (CA INDEX NAME)

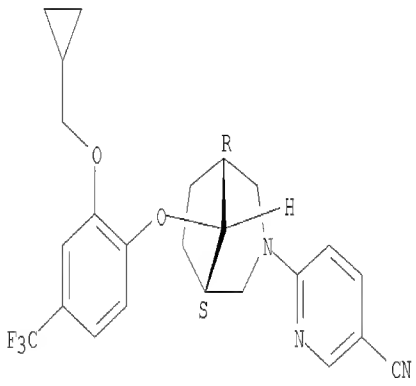
Relative stereochemistry.

Relative stereochemistry.



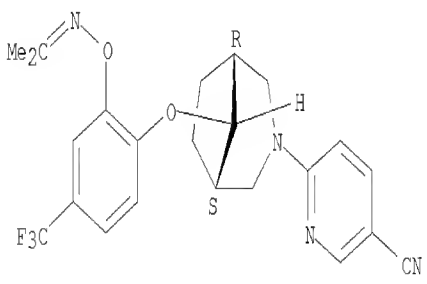
RN 866622-05-1 CAPLUS
CN 3-Pyridinecarbonitrile, 6-[(8-syn)-8-[2-(cyclopropylmethoxy)-4-(trifluoromethyl)phenoxy]-3-azabicyclo[3.2.1]oct-3-yl]- (CA INDEX NAME)

Relative stereochemistry.



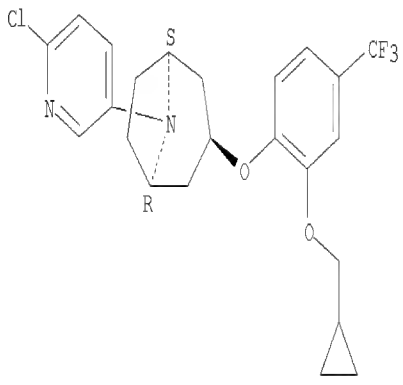
RN 933796-86-2 CAPLUS
CN 3-Pyridinecarbonitrile, 6-[(8-anti)-8-[2-[[(1-methylethylidene)amino]oxy]-4-(trifluoromethyl)phenoxy]-3-azabicyclo[3.2.1]oct-3-yl]- (CA INDEX NAME)

Relative stereochemistry.



RN 933797-52-5 CAPLUS
CN 8-Azabicyclo[3.2.1]octane, 8-(6-chloro-3-pyridinyl)-3-[2-(cyclopropylmethoxy)-4-(trifluoromethyl)phenoxy]-, (3-endo)- (CA INDEX NAME)

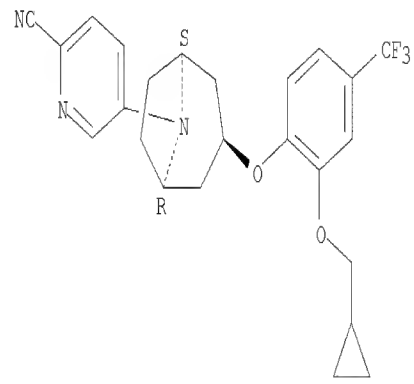
Relative stereochemistry.



RN 933797-53-6 CAPLUS

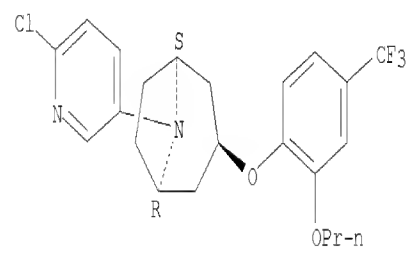
CN 2-Pyridinecarbonitrile, 5-[(3-endo)-3-[2-(cyclopropylmethoxy)-4-(trifluoromethyl)phenoxy]-8-azabicyclo[3.2.1]oct-8-yl]- (CA INDEX NAME)

Relative stereochemistry.



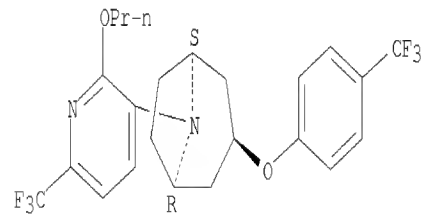
RN 933797-58-1 CAPLUS
CN 8-Azabicyclo[3.2.1]octane, 8-(6-chloro-3-pyridinyl)-3-[2-propoxy-4-(trifluoromethyl)phenoxy]-, (3-endo)- (CA INDEX NAME)

Relative stereochemistry.



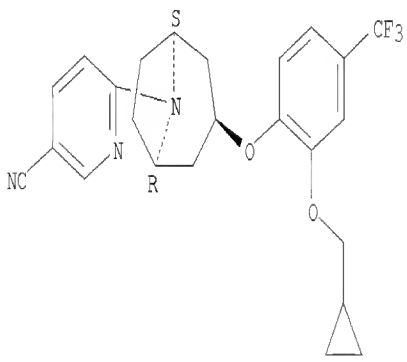
RN 933797-59-2 CAPLUS
CN 8-Azabicyclo[3.2.1]octane, 8-[2-propoxy-6-(trifluoromethyl)-3-pyridinyl]-3-[4-(trifluoromethyl)phenoxy]-, (3-exo)- (CA INDEX NAME)

Relative stereochemistry.



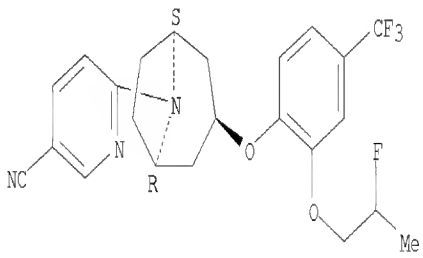
RN 933797-60-5 CAPLUS
CN 3-Pyridinecarbonitrile, 6-[(3-endo)-3-[2-(cyclopropylmethoxy)-4-(trifluoromethyl)phenoxy]-8-azabicyclo[3.2.1]oct-8-yl]- (CA INDEX NAME)

Relative stereochemistry.



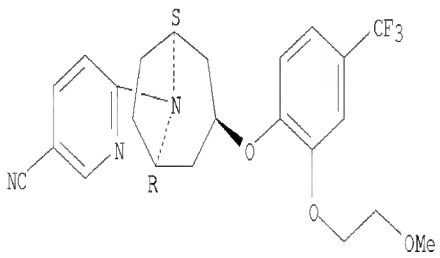
RN 933797-61-6 CAPLUS
CN 3-Pyridinecarbonitrile, 6-[(3-endo)-3-[2-(2-fluoropropoxy)-4-(trifluoromethyl)phenoxy]-8-azabicyclo[3.2.1]oct-8-yl]- (CA INDEX NAME)

Relative stereochemistry.



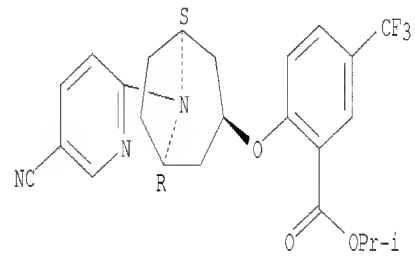
RN 933797-62-7 CAPLUS
CN 3-Pyridinecarbonitrile, 6-[(3-endo)-3-[2-(2-methoxyethoxy)-4-(trifluoromethyl)phenoxy]-8-azabicyclo[3.2.1]oct-8-yl]- (CA INDEX NAME)

Relative stereochemistry.



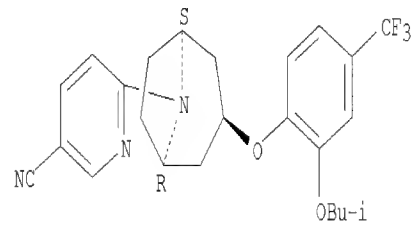
RN 933797-63-8 CAPLUS
CN Benzoic acid, 2-[[(3-exo)-8-(5-cyano-2-pyridinyl)-8-azabicyclo[3.2.1]oct-3-yl]oxy]-5-(trifluoromethyl)-, 1-methylethyl ester (CA INDEX NAME)

Relative stereochemistry.



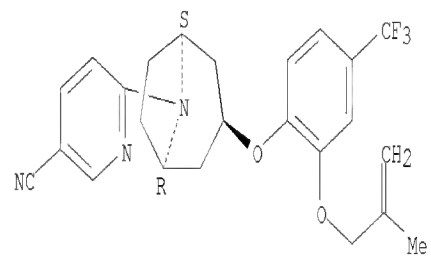
RN 933797-64-9 CAPLUS
CN 3-Pyridinecarbonitrile, 6-[(3-endo)-3-[2-(2-methylpropoxy)-4-(trifluoromethyl)phenoxy]-8-azabicyclo[3.2.1]oct-8-yl]- (CA INDEX NAME)

Relative stereochemistry.



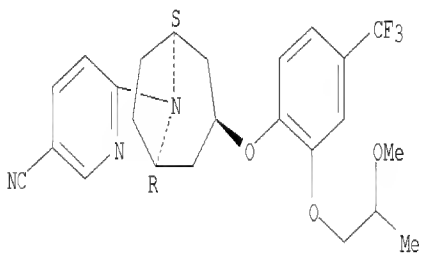
RN 933797-65-0 CAPLUS
CN 3-Pyridinecarbonitrile, 6-[(3-endo)-3-[2-[(2-methyl-2-propen-1-yl)oxy]-4-(trifluoromethyl)phenoxy]-8-azabicyclo[3.2.1]oct-8-yl]- (CA INDEX NAME)

Relative stereochemistry.



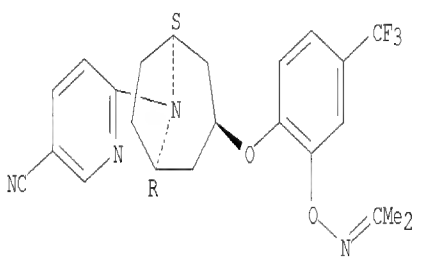
RN 933797-66-1 CAPLUS
CN 3-Pyridinecarbonitrile, 6-[(3-endo)-3-[2-(2-methoxypropoxy)-4-(trifluoromethyl)phenoxy]-8-azabicyclo[3.2.1]oct-8-yl]- (CA INDEX NAME)

Relative stereochemistry.



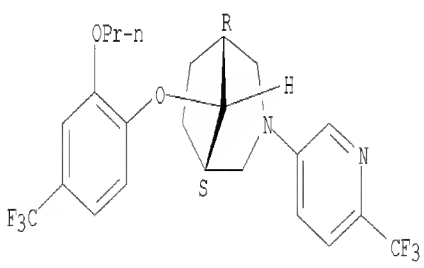
RN 933797-67-2 CAPLUS
CN 3-Pyridinecarbonitrile, 6-[(3-endo)-3-[2-[[(1-methylethylidene)amino]oxy]-4-(trifluoromethyl)phenoxy]-8-azabicyclo[3.2.1]oct-8-yl]- (CA INDEX NAME)

Relative stereochemistry.



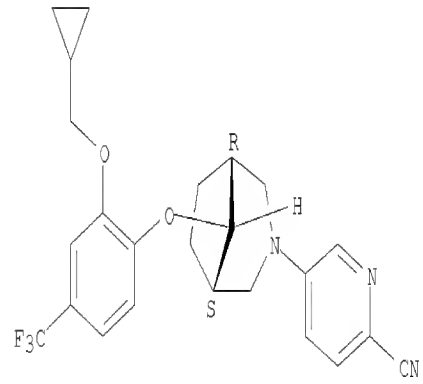
RN 933798-17-5 CAPLUS
CN 3-Azabicyclo[3.2.1]octane, 8-[2-propoxy-4-(trifluoromethyl)phenoxy]-3-[6-(trifluoromethyl)-3-pyridinyl]-, (8-syn)- (CA INDEX NAME)

Relative stereochemistry.



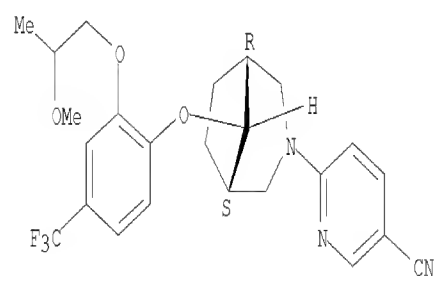
RN 933798-40-4 CAPLUS
CN 2-Pyridinecarbonitrile, 5-[(8-anti)-8-[2-(cyclopropylmethoxy)-4-(trifluoromethyl)phenoxy]-3-azabicyclo[3.2.1]oct-3-yl]- (CA INDEX NAME)

Relative stereochemistry.



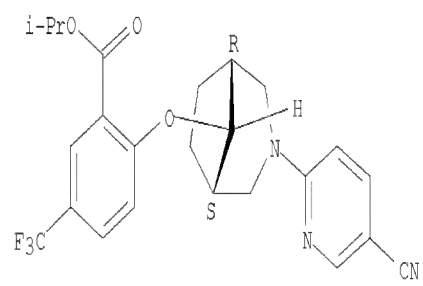
RN 933798-63-1 CAPLUS
CN 3-Pyridinecarbonitrile, 6-[(8-anti)-8-[2-(2-methoxypropoxy)-4-(trifluoromethyl)phenoxy]-3-azabicyclo[3.2.1]oct-3-yl]- (CA INDEX NAME)

Relative stereochemistry.



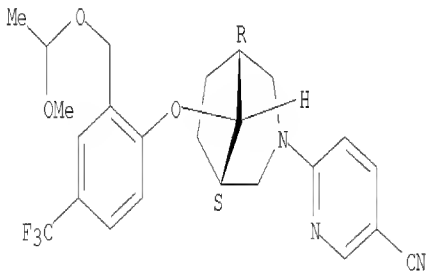
RN 933798-64-2 CAPLUS
CN Benzoic acid, 2-[[(8-anti)-3-(5-cyano-2-pyridinyl)-3-azabicyclo[3.2.1]oct-8-yl]oxy]-5-(trifluoromethyl)-, 1-methylethyl ester (CA INDEX NAME)

Relative stereochemistry.



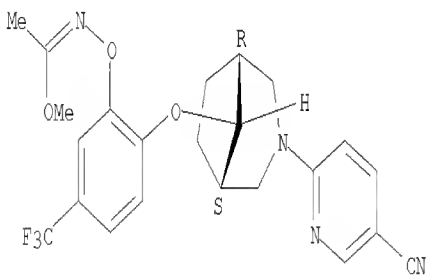
RN 933798-65-3 CAPLUS
CN 3-Pyridinecarbonitrile, 6-[(8-syn)-8-[2-[(1-methoxyethoxy)methyl]-4-(trifluoromethyl)phenoxy]-3-azabicyclo[3.2.1]oct-3-yl]- (CA INDEX NAME)

Relative stereochemistry.



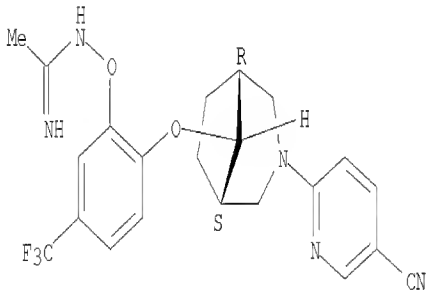
RN 933798-66-4 CAPLUS
CN Ethanimidic acid, N-[2-[[(8-anti)-3-(5-cyano-2-pyridinyl)-3-azabicyclo[3.2.1]oct-8-yl]oxy]-5-(trifluoromethyl)phenoxy]-, methyl ester (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry unknown.



RN 933798-67-5 CAPLUS
CN Ethanimidamide, N-[2-[[(8-anti)-3-(5-cyano-2-pyridinyl)-3-azabicyclo[3.2.1]oct-8-yl]oxy]-5-(trifluoromethyl)phenoxy]- (CA INDEX NAME)

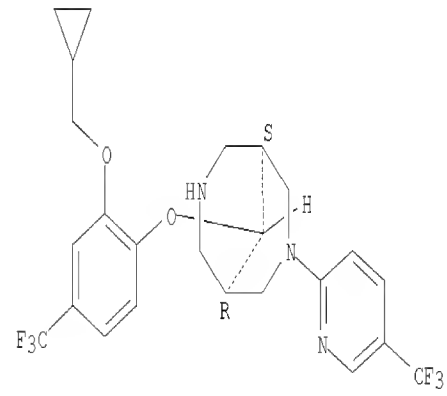
Relative stereochemistry.



RN 933798-86-8 CAPLUS
CN 3,7-Diazabicyclo[3.3.1]nonane, 9-[2-(cyclopropylmethoxy)-4-(trifluoromethyl)phenoxy]-3-[5-(trifluoromethyl)-2-pyridinyl]-, (9-anti)-

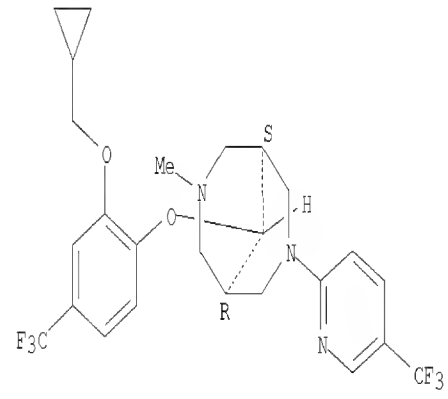
(CA INDEX NAME)

Relative stereochemistry.



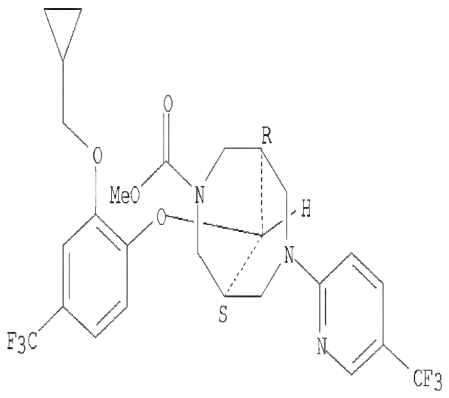
RN 933798-87-9 CAPLUS
CN 3,7-Diazabicyclo[3.3.1]nonane, 9-[2-(cyclopropylmethoxy)-4-(trifluoromethyl)phenoxy]-3-methyl-7-[5-(trifluoromethyl)-2-pyridinyl]-, (9-anti)- (CA INDEX NAME)

Relative stereochemistry.



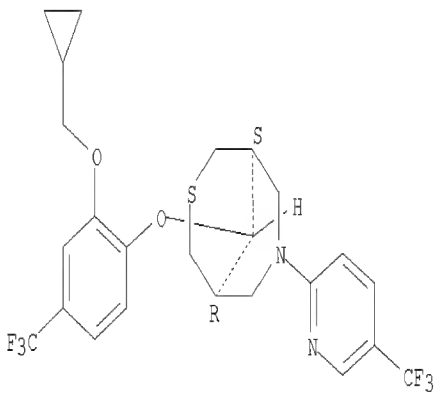
RN 933798-88-0 CAPLUS
CN 3,7-Diazabicyclo[3.3.1]nonane-3-carboxylic acid, 9-[2-(cyclopropylmethoxy)-4-(trifluoromethyl)phenoxy]-7-[5-(trifluoromethyl)-2-pyridinyl]-, methyl ester, (9-syn)- (CA INDEX NAME)

Relative stereochemistry.



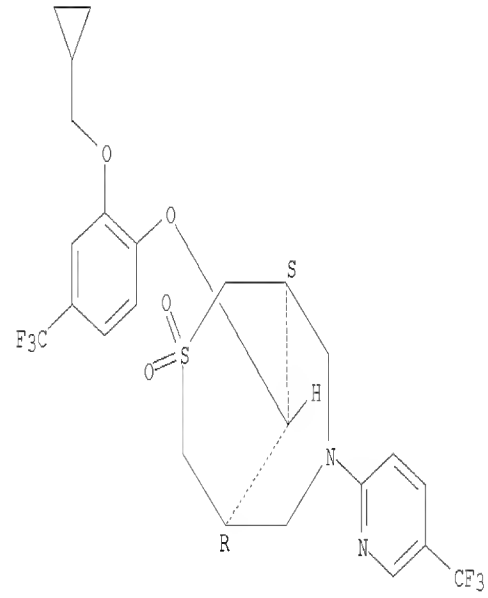
RN 933798-89-1 CAPLUS
CN 3-Thia-7-azabicyclo[3.3.1]nonane, 9-[2-(cyclopropylmethoxy)-4-(trifluoromethyl)phenoxy]-7-[5-(trifluoromethyl)-2-pyridinyl]-, (9-syn)-(CA INDEX NAME)

Relative stereochemistry.



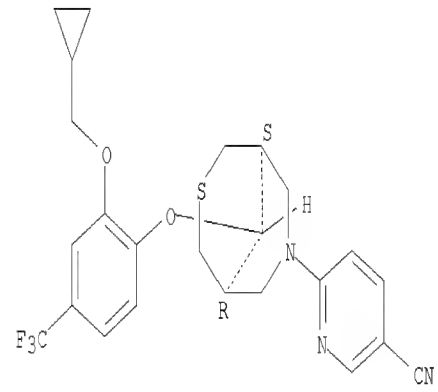
RN 933798-90-4 CAPLUS
CN 3-Thia-7-azabicyclo[3.3.1]nonane, 9-[2-(cyclopropylmethoxy)-4-(trifluoromethyl)phenoxy]-7-[5-(trifluoromethyl)-2-pyridinyl]-, 3,3-dioxide, (9-syn)- (CA INDEX NAME)

Relative stereochemistry.



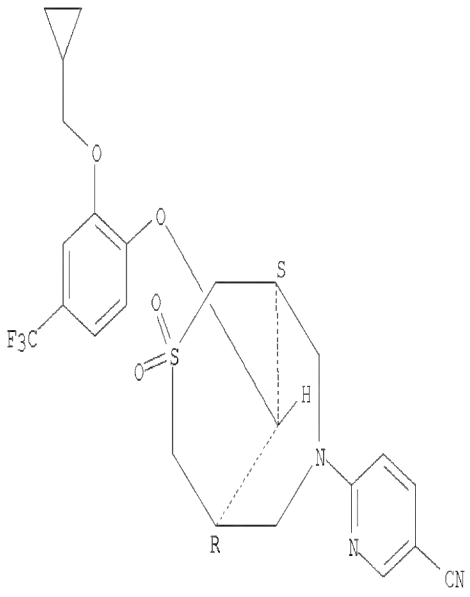
RN 933799-05-4 CAPLUS
CN 3-Pyridinecarbonitrile, 6-[(9-syn)-9-[2-(cyclopropylmethoxy)-4-(trifluoromethyl)phenoxy]-3-thia-7-azabicyclo[3.3.1]non-7-yl]- (CA INDEX NAME)

Relative stereochemistry.



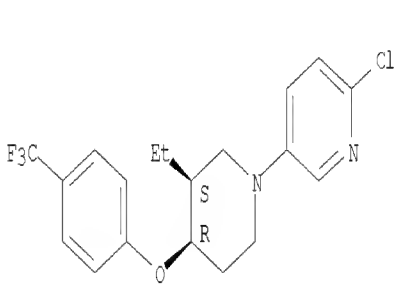
RN 933799-07-6 CAPLUS
CN 3-Pyridinecarbonitrile, 6-[(9-syn)-9-[2-(cyclopropylmethoxy)-4-(trifluoromethyl)phenoxy]-3,3-dioxido-3-thia-7-azabicyclo[3.3.1]non-7-yl]- (CA INDEX NAME)

Relative stereochemistry.

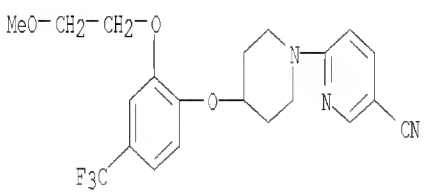


RN 933799-93-0 CAPLUS
CN Pyridine, 2-chloro-5-[(3R,4S)-3-ethyl-4-[4-(trifluoromethyl)phenoxy]-1-piperidinyl]-, rel- (CA INDEX NAME)

Relative stereochemistry.



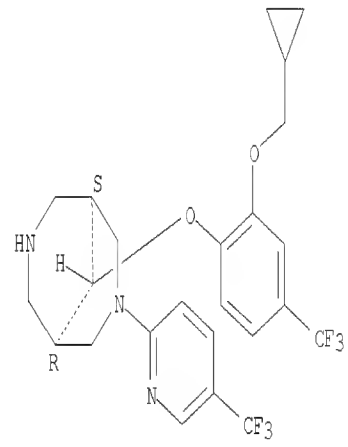
RN 933799-95-2 CAPLUS
CN 3-Pyridinecarbonitrile, 6-[4-[2-(2-methoxyethoxy)-4-(trifluoromethyl)phenoxy]-1-piperidinyl]- (CA INDEX NAME)



RN 934001-67-9 CAPLUS
CN 3,7-Diazabicyclo[3.3.1]nonane, 9-[2-(cyclopropylmethoxy)-4-(trifluoromethyl)phenoxy]-3-[5-(trifluoromethyl)-2-pyridinyl]-, (9-syn)-

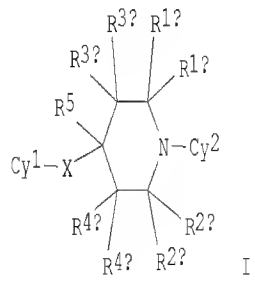
(CA INDEX NAME)

Relative stereochemistry.

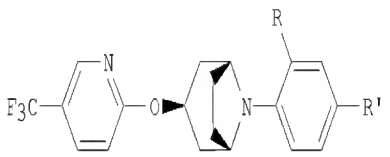


L5 ANSWER 8 OF 38 CAPLUS COPYRIGHT 2008 ACS on STN
2007:405401 Document No. 146:421857 Preparation of bridged cyclic amine compounds as pest control agents. Hamamoto, Isami; Takahashi, Jun; Yano, Makio; Kawaguchi, Masahiro; Hanai, Daisuke; Iwasa, Takao (Nippon Soda Co., Ltd., Japan). PCT Int. Appl. WO 2007040282 A1 20070412, 98pp. DESIGNATED STATES: W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US; RW: AT, BE, BF, BJ, CF, CG, CH, CI, CM, CY, DE, DK, ES, FI, FR, GA, GB, GR, IE, IS, IT, LU, MC, ML, MR, NE, NL, PT, SE, SN, TD, TG, TR. (Japanese). CODEN: PIXXD2. APPLICATION: WO 2006-JP320133 20061006. PRIORITY: JP 2005-294126 20051006; JP 2005-294127 20051006; JP 2005-297803 20051012; JP 2005-297804 20051012; JP 2006-16877 20060125; JP 2006-182314 20060630.

GI



I



II

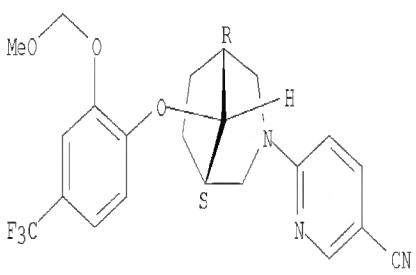
AB Title compds. I [Cy1 = (un)substituted aromatic ring; X = oxygen, sulfur, (un)substituted nitrogen, etc.; R1a and R2a, R1a and R4a, R2a and R3a, or R3a and R4a may combine to form a saturated ring.; R1a-R4a, R1b-R4b and R5 = H, hydroxy, halo, etc.; Cy2 = (un)substituted aromatic ring; when R1a and R2a may combine to form saturated ring and Cy1 is a (un)substituted Ph, Cy2 is a (un)substituted aromatic heterocycle.; when Cy1 is a (un)substituted Ph and Cy2 is a pyridin-2-yl, Cy2 is a pyridin-2-yl substituted with one or more cyano groups.], salts or N-oxides thereof were prepared For example, reaction of tropine with 2-chloro-5-trifluoromethylpyridine followed by treatment with 2,2,2-trichloroethyl chloroformate, reduction using Zn/acetic acid and O-arylation with 2-fluoro-5-trifluoromethylbenzaldehyde afforded compound II [R = CHO; R' = CF3]. Compound II [R = OCH2CH2CH3; R' = CF3] controlled two-spotted spider mite by 100%.

IT 866618-39-5P
RL: AGR (Agricultural use); BSU (Biological study, unclassified); RCT (Reactant); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent); USES (Uses)
(preparation of bridged cyclic amine compds. as pest control agents)

RN 866618-39-5 CAPLUS

CN 3-Pyridinecarbonitrile, 6-[(8-syn)-8-[2-(methoxymethoxy)-4-(trifluoromethyl)phenoxy]-3-azabicyclo[3.2.1]oct-3-yl]- (CA INDEX NAME)

Relative stereochemistry.

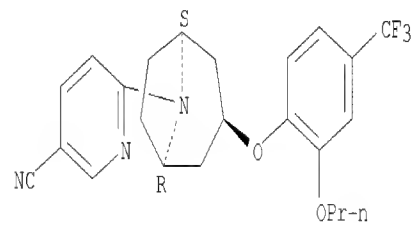


IT 866617-00-7P 866618-28-2P 866618-49-7P
866622-05-1P 933796-86-2P 933797-52-5P
933797-53-6P 933797-58-1P 933797-59-2P
933797-60-5P 933797-61-6P 933797-62-7P
933797-63-8P 933797-64-9P 933797-65-0P
933797-66-1P 933797-67-2P 933798-17-5P
933798-40-4P 933798-63-1P 933798-64-2P
933798-65-3P 933798-66-4P 933798-67-5P
933798-86-8P 933798-87-9P 933798-88-0P
933798-89-1P 933798-90-4P 933799-05-4P
933799-07-6P 934001-67-9P
RL: AGR (Agricultural use); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of bridged cyclic amine compds. as pest control agents)

RN 866617-00-7 CAPLUS

CN 3-Pyridinecarbonitrile, 6-[(3-endo)-3-[2-propoxy-4-(trifluoromethyl)phenoxy]-8-azabicyclo[3.2.1]oct-8-yl]- (CA INDEX NAME)

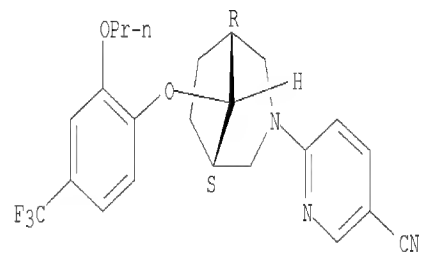
Relative stereochemistry.



RN 866618-28-2 CAPLUS

CN 3-Pyridinecarbonitrile, 6-[(8-syn)-8-[2-propoxy-4-(trifluoromethyl)phenoxy]-3-azabicyclo[3.2.1]oct-3-yl]- (CA INDEX NAME)

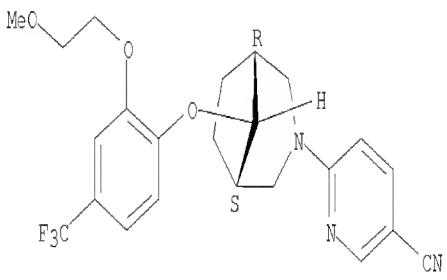
Relative stereochemistry.



RN 866618-49-7 CAPLUS

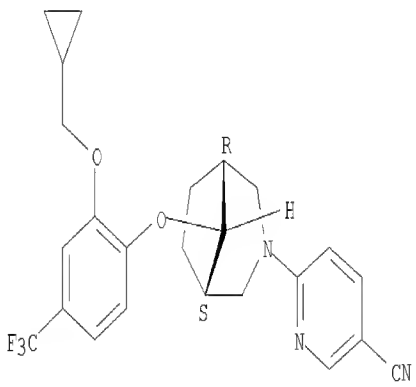
CN 3-Pyridinecarbonitrile, 6-[(8-syn)-8-[2-(2-methoxyethoxy)-4-(trifluoromethyl)phenoxy]-3-azabicyclo[3.2.1]oct-3-yl]- (CA INDEX NAME)

Relative stereochemistry.



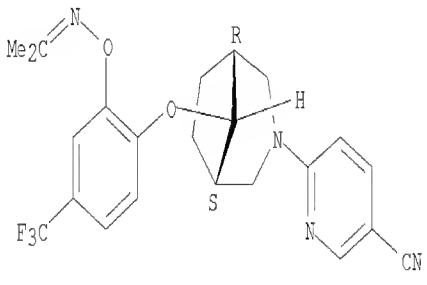
RN 866622-05-1 CAPLUS
CN 3-Pyridinecarbonitrile, 6-[(8-syn)-8-[2-(cyclopropylmethoxy)-4-(trifluoromethyl)phenoxy]-3-azabicyclo[3.2.1]oct-3-yl]- (CA INDEX NAME)

Relative stereochemistry.



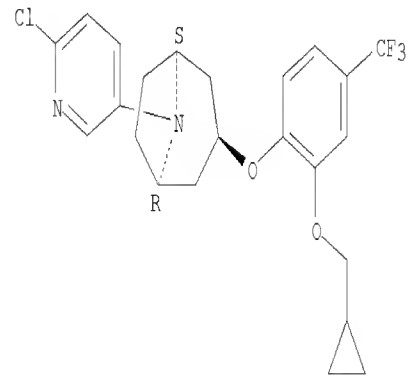
RN 933796-86-2 CAPLUS
CN 3-Pyridinecarbonitrile, 6-[(8-anti)-8-[2-[[(1-methylethylidene)amino]oxy]-4-(trifluoromethyl)phenoxy]-3-azabicyclo[3.2.1]oct-3-yl]- (CA INDEX NAME)

Relative stereochemistry.



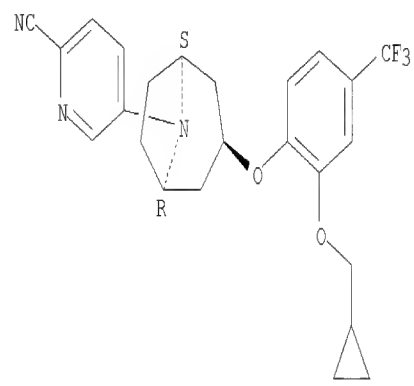
RN 933797-52-5 CAPLUS
CN 8-Azabicyclo[3.2.1]octane, 8-(6-chloro-3-pyridinyl)-3-[2-(cyclopropylmethoxy)-4-(trifluoromethyl)phenoxy]-, (3-endo)- (CA INDEX NAME)

Relative stereochemistry.



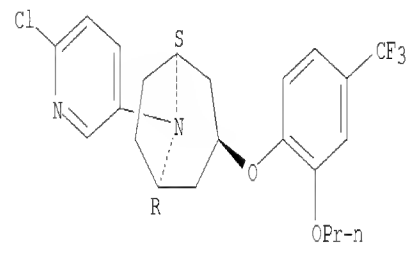
RN 933797-53-6 CAPLUS
CN 2-Pyridinecarbonitrile, 5-[(3-endo)-3-[2-(cyclopropylmethoxy)-4-(trifluoromethyl)phenoxy]-8-azabicyclo[3.2.1]oct-8-yl]- (CA INDEX NAME)

Relative stereochemistry.



RN 933797-58-1 CAPLUS
CN 8-Azabicyclo[3.2.1]octane, 8-(6-chloro-3-pyridinyl)-3-[2-propoxy-4-(trifluoromethyl)phenoxy]-, (3-endo)- (CA INDEX NAME)

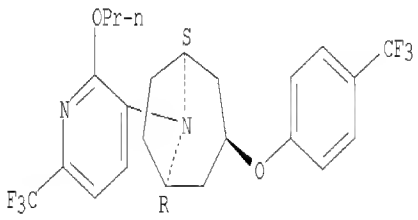
Relative stereochemistry.



RN 933797-59-2 CAPLUS

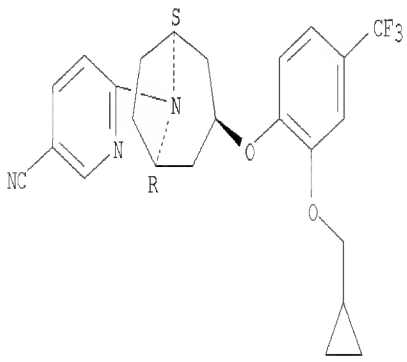
CN 8-Azabicyclo[3.2.1]octane, 8-[2-propoxy-6-(trifluoromethyl)-3-pyridinyl]-3-[4-(trifluoromethyl)phenoxy]-, (3-exo)- (CA INDEX NAME)

Relative stereochemistry.



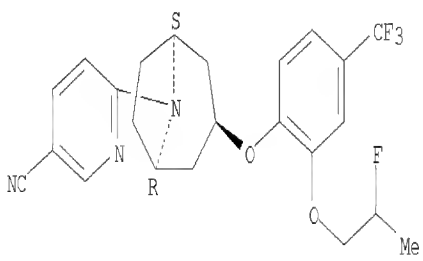
RN 933797-60-5 CAPLUS
CN 3-Pyridinecarbonitrile, 6-[(3-endo)-3-[2-(cyclopropylmethoxy)-4-(trifluoromethyl)phenoxy]-8-azabicyclo[3.2.1]oct-8-yl]- (CA INDEX NAME)

Relative stereochemistry.



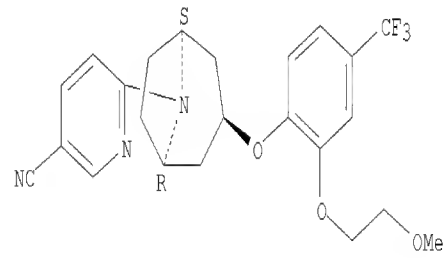
RN 933797-61-6 CAPLUS
CN 3-Pyridinecarbonitrile, 6-[(3-endo)-3-[2-(2-fluoropropoxy)-4-(trifluoromethyl)phenoxy]-8-azabicyclo[3.2.1]oct-8-yl]- (CA INDEX NAME)

Relative stereochemistry.



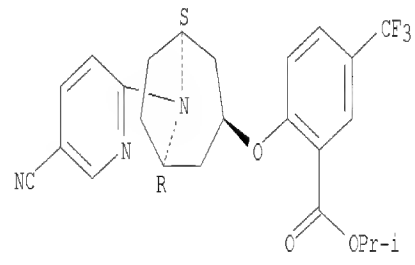
RN 933797-62-7 CAPLUS
CN 3-Pyridinecarbonitrile, 6-[(3-endo)-3-[2-(2-methoxyethoxy)-4-(trifluoromethyl)phenoxy]-8-azabicyclo[3.2.1]oct-8-yl]- (CA INDEX NAME)

Relative stereochemistry.



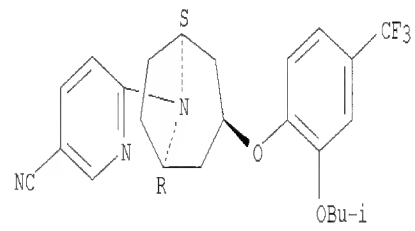
RN 933797-63-8 CAPLUS
CN Benzoic acid, 2-[[(3-exo)-8-(5-cyano-2-pyridinyl)-8-azabicyclo[3.2.1]oct-3-yl]oxy]-5-(trifluoromethyl)-, 1-methylethyl ester (CA INDEX NAME)

Relative stereochemistry.



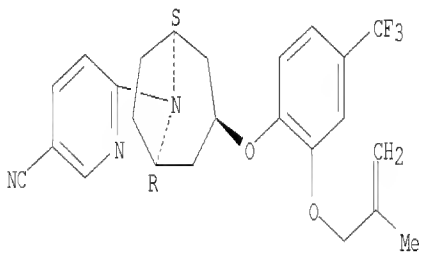
RN 933797-64-9 CAPLUS
CN 3-Pyridinecarbonitrile, 6-[(3-endo)-3-[2-(2-methylpropoxy)-4-(trifluoromethyl)phenoxy]-8-azabicyclo[3.2.1]oct-8-yl]- (CA INDEX NAME)

Relative stereochemistry.



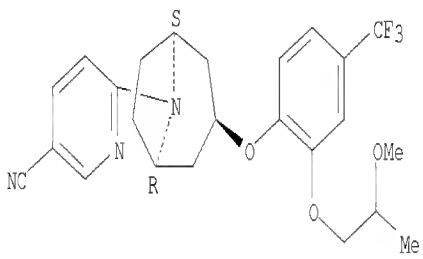
RN 933797-65-0 CAPLUS
CN 3-Pyridinecarbonitrile, 6-[(3-endo)-3-[2-[(2-methyl-2-propen-1-yl)oxy]-4-(trifluoromethyl)phenoxy]-8-azabicyclo[3.2.1]oct-8-yl]- (CA INDEX NAME)

Relative stereochemistry.



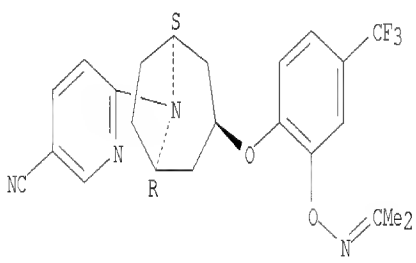
RN 933797-66-1 CAPLUS
CN 3-Pyridinecarbonitrile, 6-[(3-endo)-3-[2-(2-methoxypropoxy)-4-(trifluoromethyl)phenoxy]-8-azabicyclo[3.2.1]oct-8-yl]- (CA INDEX NAME)

Relative stereochemistry.



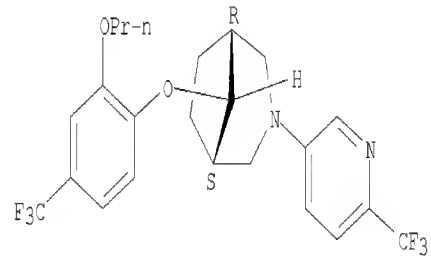
RN 933797-67-2 CAPLUS
CN 3-Pyridinecarbonitrile, 6-[(3-endo)-3-[2-[[(1-methylethylidene)amino]oxy]-4-(trifluoromethyl)phenoxy]-8-azabicyclo[3.2.1]oct-8-yl]- (CA INDEX NAME)

Relative stereochemistry.



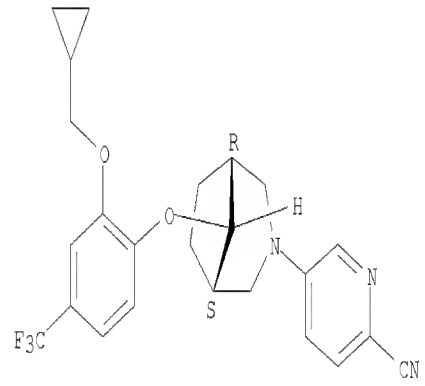
RN 933798-17-5 CAPLUS
CN 3-Azabicyclo[3.2.1]octane, 8-[2-propoxy-4-(trifluoromethyl)phenoxy]-3-[6-(trifluoromethyl)-3-pyridinyl]-, (8-syn)- (CA INDEX NAME)

Relative stereochemistry.



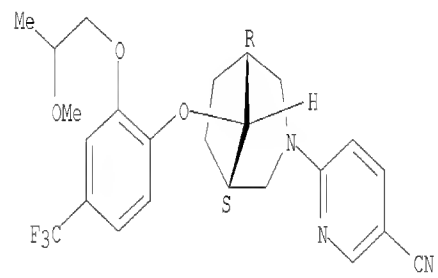
RN 933798-40-4 CAPLUS
CN 2-Pyridinecarbonitrile, 5-[(8-anti)-8-[2-(cyclopropylmethoxy)-4-(trifluoromethyl)phenoxy]-3-azabicyclo[3.2.1]oct-3-yl]- (CA INDEX NAME)

Relative stereochemistry.



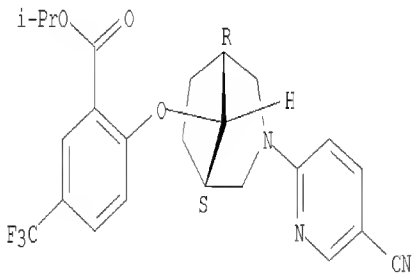
RN 933798-63-1 CAPLUS
CN 3-Pyridinecarbonitrile, 6-[(8-anti)-8-[2-(2-methoxypropoxy)-4-(trifluoromethyl)phenoxy]-3-azabicyclo[3.2.1]oct-3-yl]- (CA INDEX NAME)

Relative stereochemistry.



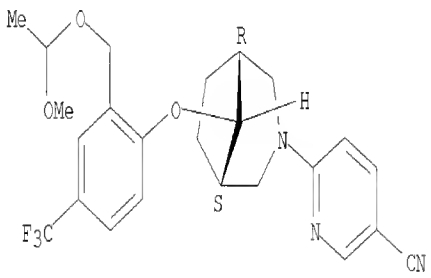
RN 933798-64-2 CAPLUS
CN Benzoic acid, 2-[[(8-anti)-3-(5-cyano-2-pyridinyl)-3-azabicyclo[3.2.1]oct-8-yl]oxy]-5-(trifluoromethyl)-, 1-methylethyl ester (CA INDEX NAME)

Relative stereochemistry.



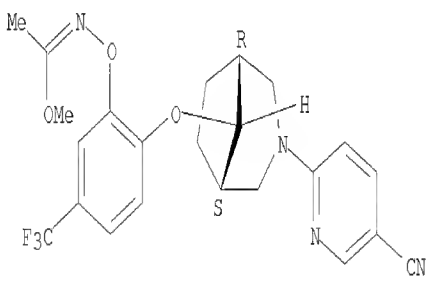
RN 933798-65-3 CAPLUS
CN 3-Pyridinecarbonitrile, 6-[(8-syn)-8-[2-[(1-methoxyethoxy)methyl]-4-(trifluoromethyl)phenoxy]-3-azabicyclo[3.2.1]oct-3-yl]- (CA INDEX NAME)

Relative stereochemistry.



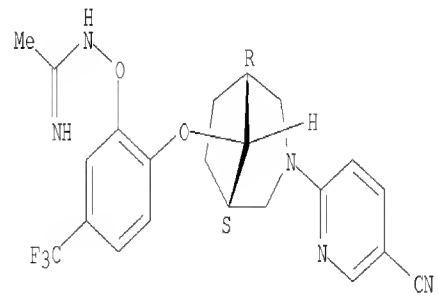
RN 933798-66-4 CAPLUS
CN Ethanimidic acid, N-[2-[[(8-anti)-3-(5-cyano-2-pyridinyl)-3-azabicyclo[3.2.1]oct-8-yl]oxy]-5-(trifluoromethyl)phenoxy]-, methyl ester (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry unknown.



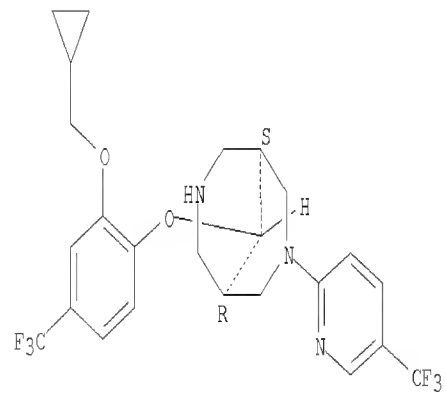
RN 933798-67-5 CAPLUS
CN Ethanimidamide, N-[2-[[(8-anti)-3-(5-cyano-2-pyridinyl)-3-azabicyclo[3.2.1]oct-8-yl]oxy]-5-(trifluoromethyl)phenoxy]- (CA INDEX NAME)

Relative stereochemistry.



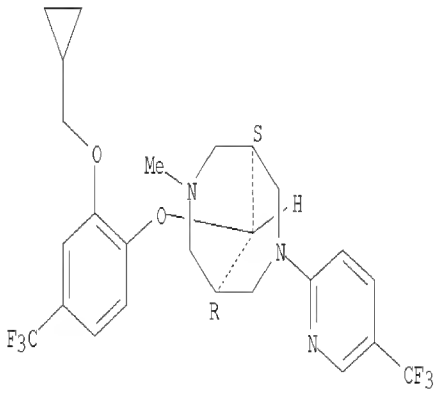
RN 933798-86-8 CAPLUS
CN 3,7-Diazabicyclo[3.3.1]nonane, 9-[2-(cyclopropylmethoxy)-4-(trifluoromethyl)phenoxy]-3-[5-(trifluoromethyl)-2-pyridinyl]-, (9-anti)- (CA INDEX NAME)

Relative stereochemistry.



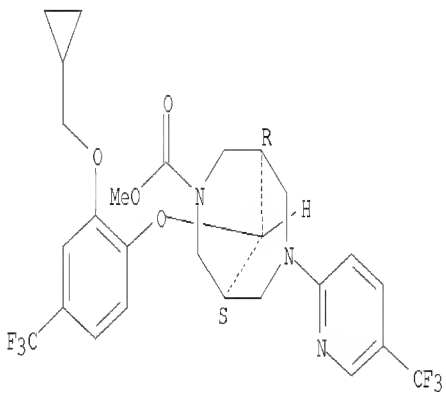
RN 933798-87-9 CAPLUS
CN 3,7-Diazabicyclo[3.3.1]nonane, 9-[2-(cyclopropylmethoxy)-4-(trifluoromethyl)phenoxy]-3-methyl-7-[5-(trifluoromethyl)-2-pyridinyl]-, (9-anti)- (CA INDEX NAME)

Relative stereochemistry.



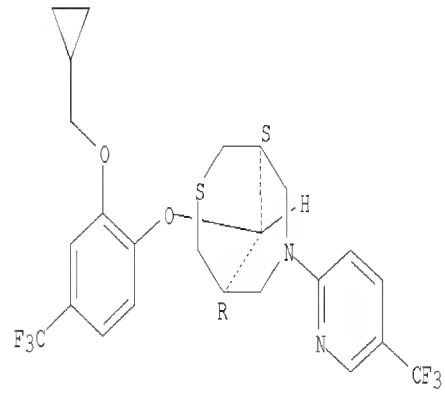
RN 933798-88-0 CAPLUS
CN 3,7-Diazabicyclo[3.3.1]nonane-3-carboxylic acid, 9-[2-(cyclopropylmethoxy)-4-(trifluoromethyl)phenoxy]-7-[5-(trifluoromethyl)-2-pyridinyl]-, methyl ester, (9-syn)- (CA INDEX NAME)

Relative stereochemistry.



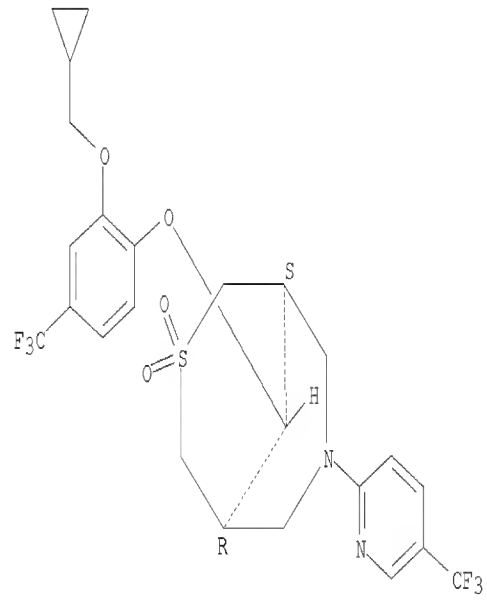
RN 933798-89-1 CAPLUS
CN 3-Thia-7-azabicyclo[3.3.1]nonane, 9-[2-(cyclopropylmethoxy)-4-(trifluoromethyl)phenoxy]-7-[5-(trifluoromethyl)-2-pyridinyl]-, (9-syn)- (CA INDEX NAME)

Relative stereochemistry.



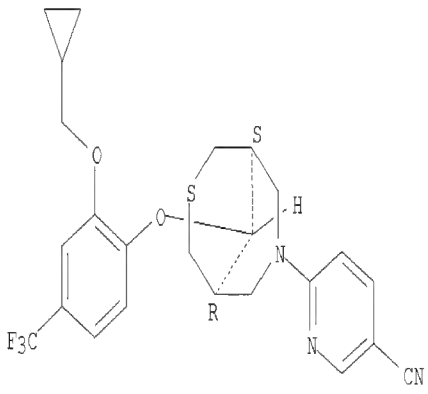
RN 933798-90-4 CAPLUS
CN 3-Thia-7-azabicyclo[3.3.1]nonane, 9-[2-(cyclopropylmethoxy)-4-(trifluoromethyl)phenoxy]-7-[5-(trifluoromethyl)-2-pyridinyl]-, 3,3-dioxide, (9-syn)- (CA INDEX NAME)

Relative stereochemistry.



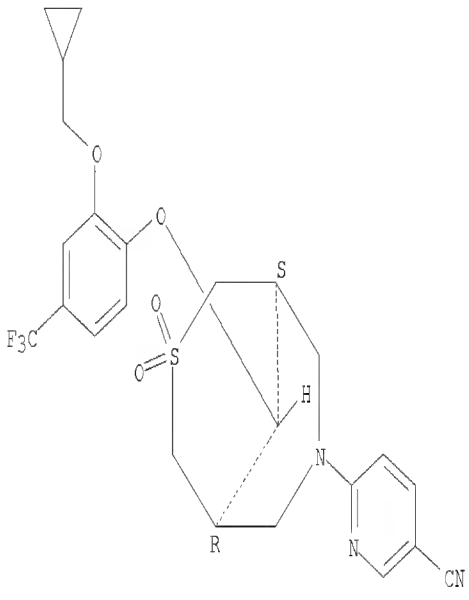
RN 933799-05-4 CAPLUS
CN 3-Pyridinecarbonitrile, 6-[(9-syn)-9-[2-(cyclopropylmethoxy)-4-(trifluoromethyl)phenoxy]-3-thia-7-azabicyclo[3.3.1]non-7-yl]- (CA INDEX NAME)

Relative stereochemistry.



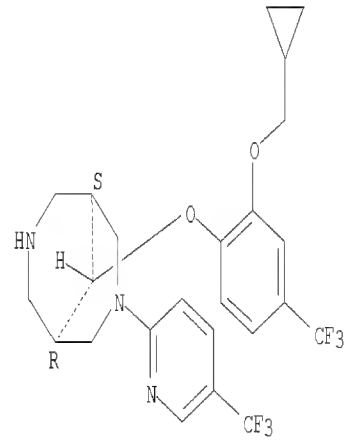
RN 933799-07-6 CAPLUS
CN 3-Pyridinecarbonitrile, 6-[(9-syn)-9-[2-(cyclopropylmethoxy)-4-(trifluoromethyl)phenoxy]-3,3-dioxido-3-thia-7-azabicyclo[3.3.1]non-7-yl]- (CA INDEX NAME)

Relative stereochemistry.



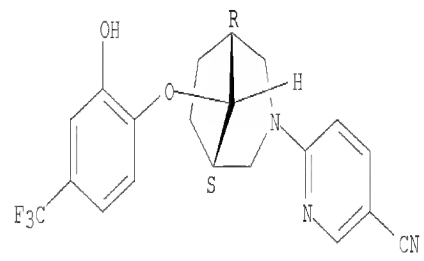
RN 934001-67-9 CAPLUS
CN 3,7-Diazabicyclo[3.3.1]nonane, 9-[2-(cyclopropylmethoxy)-4-(trifluoromethyl)phenoxy]-3-[5-(trifluoromethyl)-2-pyridinyl]-, (9-syn)- (CA INDEX NAME)

Relative stereochemistry.



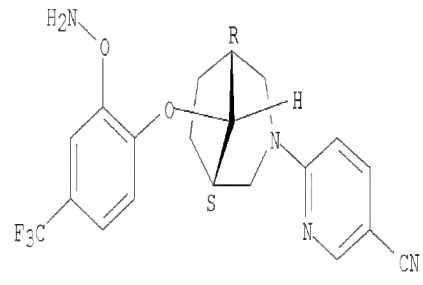
IT 933799-99-6P 933800-00-1P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation of bridged cyclic amine compds. as pest control agents)
RN 933799-99-6 CAPLUS
CN 3-Pyridinecarbonitrile, 6-[(8-anti)-8-[2-hydroxy-4-(trifluoromethyl)phenoxy]-3-azabicyclo[3.2.1]oct-3-yl]- (CA INDEX NAME)

Relative stereochemistry.

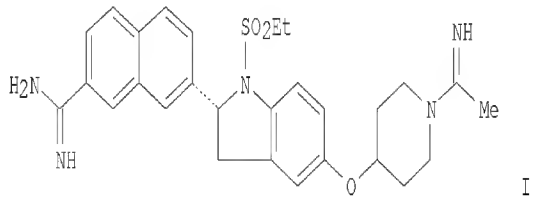


RN 933800-00-1 CAPLUS
CN 3-Pyridinecarbonitrile, 6-[(8-anti)-8-[2-(aminooxy)-4-(trifluoromethyl)phenoxy]-3-azabicyclo[3.2.1]oct-3-yl]- (CA INDEX NAME)

Relative stereochemistry.

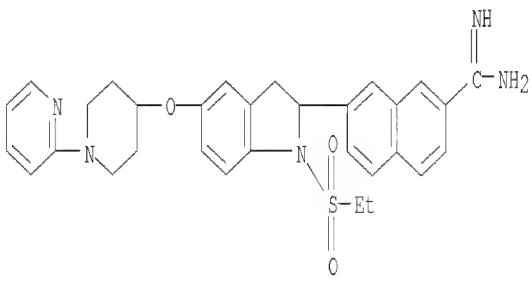


L5 ANSWER 9 OF 38 CAPLUS COPYRIGHT 2008 ACS on STN
2006:373190 Document No. 145:55354 Indoline derivatives. Synthesis and factor Xa (FXa) inhibitory activities. Noguchi, Tetsuji; Tanaka, Naoki; Nishimata, Toyoki; Goto, Riki; Hayakawa, Miho; Sugidachi, Atsuhiro; Ogawa, Taketoshi; Asai, Fumitoshi; Matsui, Yumi; Fujimoto, Koichi (Medicinal Chemistry Research Laboratories, Sankyo Co., Ltd., 1-2-58 Hiromachi, Shinagawa-ku, Tokyo, 140-8710, Japan). Chemical & Pharmaceutical Bulletin, 54(2), 163-174 (English) 2006. CODEN: CPBTAL. ISSN: 0009-2363. OTHER SOURCES: CASREACT 145:55354. Publisher: Pharmaceutical Society of Japan.
GI

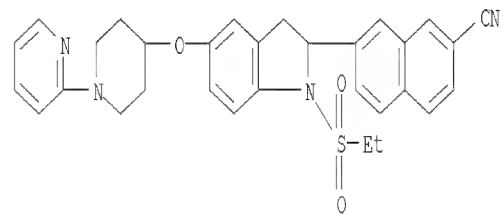


I

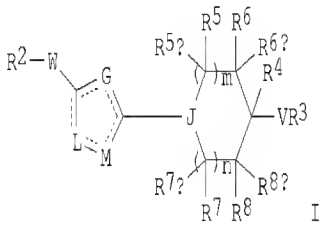
AB A series of bisamidine derivs. each having a ring structure in the center of the mol. was synthesized and their Factor Xa (FXa) inhibitory activities were evaluated. Among them, some indoline derivs. showed potent inhibitory activities in vitro. In particular, compound (I) having an (R)-configuration at the 2-position of the indoline ring exhibited the most potent FXa inhibitory activity in vitro, more potent than DX-9065a. Furthermore, I exhibited more potent anticoagulant activity than DX-9065a. The authors also succeeded in obtaining an x-ray crystal structure of FXa bound with I.
IT 779314-68-0P
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(synthesis and factor Xa (FXa) inhibitory activities of indoline derivs.)
RN 779314-68-0 CAPLUS
CN 2-Naphthalenecarboximidamide, 7-[1-(ethylsulfonyl)-2,3-dihydro-5-[[1-(2-pyridinyl)-4-piperidinyl]oxy]-1H-indol-2-yl]- (CA INDEX NAME)



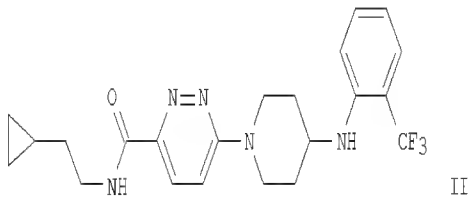
IT 319450-57-2P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(synthesis and factor Xa (FXa) inhibitory activities of indoline derivs.)
RN 319450-57-2 CAPLUS
CN 1H-Indole, 2-(7-cyano-2-naphthalenyl)-1-(ethylsulfonyl)-2,3-dihydro-5-[[1-(2-pyridinyl)-4-piperidinyl]oxy]- (9CI) (CA INDEX NAME)



L5 ANSWER 10 OF 38 CAPLUS COPYRIGHT 2008 ACS on STN
2006:299292 Document No. 144:350701 Preparation of piperidinylpyridazine carboxamide derivatives as inhibitors of stearoyl-CoA desaturase. Kamboj, Rajender; Zhang, Zaihui; Fu, Jian-Min; Sviridov, Serguei; Sun, Shaoyi; Seid Bagherzadeh, Mehran; Raina, Vandna; Hou, Duanjie; Chowdhury, Sultan; Liu, Shifeng; Kodumuru, Vishnumurthy; Chakka, Nagasree (Xenon Pharmaceuticals Inc., Can.). PCT Int. Appl. WO 2006034338 A1 20060330, 82 pp. DESIGNATED STATES: W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM; RW: AT, BE, BF, BJ, CF, CG, CH, CI, CM, CY, DE, DK, ES, FI, FR, GA, GB, GR, IE, IS, IT, LU, MC, ML, MR, NE, NL, PT, SE, SN, TD, TG, TR. (English). CODEN: PIXXD2. APPLICATION: WO 2005-US33808 20050920. PRIORITY: US 2004-611645P 20040920.
GI



I



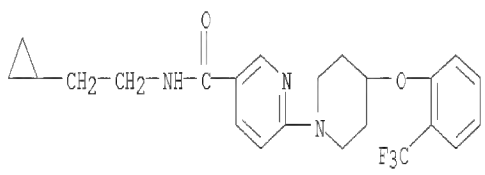
II

AB Title compds. represented by the formula I [wherein G = N(R4), O, S, SO, etc.; L, M = independently -N= or -C(R4)=; R2 = (hydroxy)alkyl, alkenyl, heterocyclyl, etc.; R3 = H, (cyclo)alkyl, alkenyl, aralkyl, etc.; R4 = independently H, F, Cl, alkyl, etc.; m, n = independently 0-3; J = N or (un)substituted C; V = a direct bond, (un)substituted amino, O, etc.; W = CO, O, (alkyl)amino, etc.; R5, R5a, R6, R6a, R7, R7a, R8, R8a = independently H or alkyl or R5R5a = O, etc.; and their stereoisomers, enantiomers, tautomers or mixture of stereoisomers, as pharmaceutically acceptable salts or prodrugs thereof] were prepared as stearoyl-CoA desaturase (SCD) inhibitors. For example, II was provided in a multi-step synthesis starting from reaction of 1-Boc-4-piperidone with 2-aminobenzotrifluoride. I showed activity as inhibitors of SCD in the assay of incubation of mouse liver microsomes. Thus, I and their pharmaceutical compns. are useful as SCD inhibitors for the treatment of SCD-mediated disease or condition, such as type II diabetes, impaired glucose and insulin resistance (no data).

IT 881391-61-3P, 4-[(2-Trifluoromethylphenyl)oxy]-3,4,5,6-tetrahydro-2H-[1,2']bipyridinyl-5'-carboxylic acid N-(2-cyclopropylethyl)amide
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of piperidinylpyridazine carboxamide derivs. as stearoyl-CoA desaturase inhibitors)

RN 881391-61-3 CAPLUS

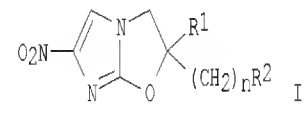
CN 3-Pyridinecarboxamide, N-(2-cyclopropylethyl)-6-[4-[2-(trifluoromethyl)phenoxy]-1-piperidinyl]- (CA INDEX NAME)



L5 ANSWER 11 OF 38 CAPLUS COPYRIGHT 2008 ACS on STN

2005:1262333 Document No. 144:22949 Preparation of 2,3-dihydro-6-nitroimidazo[2,1-b]oxazoles as antibacterial agents. Tsubochi, Hidetsugu; Sasaki, Hirofumi; Kuroda, Hideaki; Itotani, Motohiro; Hasegawa, Takeshi; Haraguchi, Yoshikazu; Kuroda, Takeshi; Matsuzaki, Takayuki; Tai, Kuninori; Komatsu, Makoto; Matsumoto, Makoto; Hashizume, Hiroyuki; Tomishige, Tatsuo; Seike, Yuji; Kawasaki, Masanori; Sumida, Takumi; Miyamura, Shin; Oguro, Kinue; Tanaka, Kazuho; Takemura, Isao (Ohtsuka Pharmaceutical Co., Ltd., Japan). Jpn. Kokai Tokkyo Koho JP 2005330266 A 20051202, 1050 pp. (Japanese). CODEN: JKXXAF. APPLICATION: JP 2005-113726 20050411. PRIORITY: JP 2004-114975 20040409; JP 2004-125055 20040421.

GI



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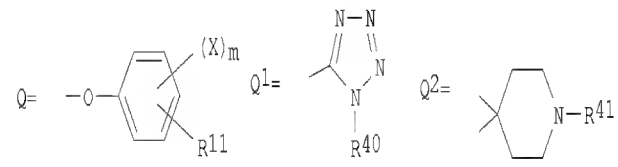
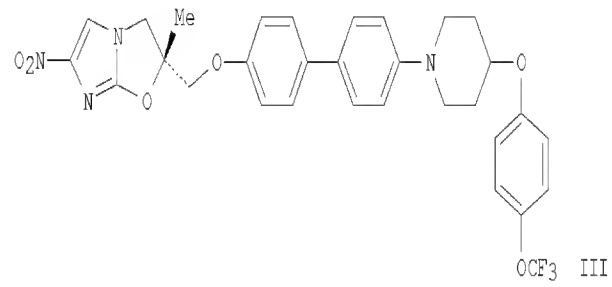




III

AB The title compds. [I; wherein R1 = H, C1-6 alkyl; n = an integer of 0-6; R2 = OR3, SR5, CO2R6, O2CNR7R8, Q, NR19R20, Q1; wherein R3 = H, C1-6 alkoxy, C1-6 alkoxy-C1-6 alkyl, (un)substituted phenyl-C1-6 alkoxy, biphenylyl-C1-6 alkoxy, phenyl-C2-6 alkenyl, C1-6 alkylsulfonyl, etc.; R5 = tetrazolyl or phenyltetrazolyl optionally substituted by halo or C1-6 alkyl on phenyl; R6 = C1-6 alkyl; R7, R8 = H, C1-8 alkyl, halo-C1-6 alkyl, C1-6 alkoxycarbonyl-C1-6 alkyl, C3-8 cycloalkyl, phenyl-C1-6 alkyl, Ph, naphthyl, pyridyl, etc.; X = halo, amino-C1-6 alkyl, C1-6 alkylamino-C1-6 alkyl; R11 = H, C1-6 alkyl, halo-C1-6 alkyl, C1-6 alkoxy, halo-C1-6 alkoxy, etc.; m = an integer of 0-3; R40 = C1-6 alkyl, Ph, halophenyl; or R1 and -(CH2)nR2 may be united via a nitrogen atom to form together with the adjacent carbon atom a spiro ring represented by the general formula Q2; wherein R41 = H, C1-6 alkyl, phenyl-C1-6 alkyl, biphenylyl-C1-6 alkyl,

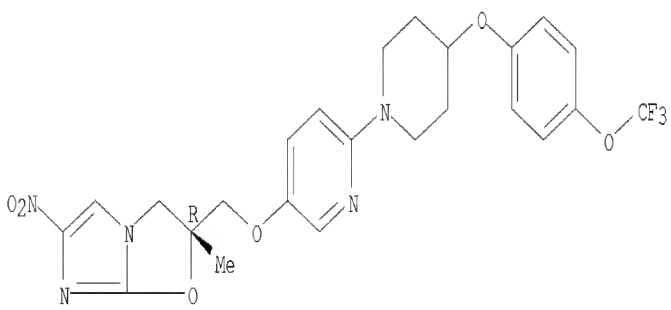
(un)substituted Ph, etc.] or optical isomers thereof or pharmacol. acceptable salts thereof are prepared These compds. exhibit excellent bactericidal activity against Tubercle bacillus, multiple drug resistant T. bacillus, and atypical acid-fast bacteria, and are useful as antitubercular agents. Thus, 0.43 g (S)-1-(2-chloro-4-nitroimidazol-1-yl)-2-methyl-3-[4-(4-trifluoromethoxyphenyl)piperazin-1-yl]propan-2-ol and 0.22 g 2-chloro-4-nitro-1H-imidazole were suspended in 4 mL MeCN, treated with 0.17 g NaHCO3, and refluxed for 9 h to give 31% (S)-1-(2-chloro-4-nitroimidazol-1-yl)-2-methyl-3-[4-(4-trifluoromethoxyphenyl)piperazin-1-yl]propan-1-ol which (5.85 g) was dissolved in 150 mL THF, treated with 0.66 g NaH under ice-cooling and refluxed for 6 h to give 48% (S)-2-[[4-(4-trifluoromethoxyphenyl)piperazin-1-yl]methyl]-2-methyl-6-nitro-2,3-dihydroimidazo[2,1-b]oxazole (II). II and compound (III) showed min. inhibitory concentration of 0.024 and 0.0015 μg/mL, resp., against Mycobacterium tuberculosis H37Rv.

IT 851682-71-8P
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of 2,3-dihydro-6-nitroimidazo[2,1-b]oxazoles as antibacterial agents and antitubercular agents)

RN 851682-71-8 CAPLUS

CN Imidazo[2,1-b]oxazole, 2,3-dihydro-2-methyl-6-nitro-2-[[[6-[4-[4-(trifluoromethoxy)phenoxy]-1-piperidinyl]-3-pyridinyl]oxy]methyl]-, (2R)- (CA INDEX NAME)

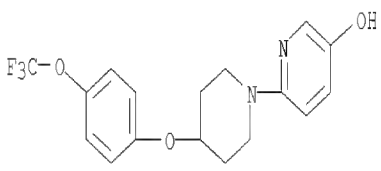
Absolute stereochemistry.



IT 851703-62-3
RL: RCT (Reactant); RACT (Reactant or reagent)
(preparation of 2,3-dihydro-6-nitroimidazo[2,1-b]oxazoles as antibacterial agents and antitubercular agents)

RN 851703-62-3 CAPLUS

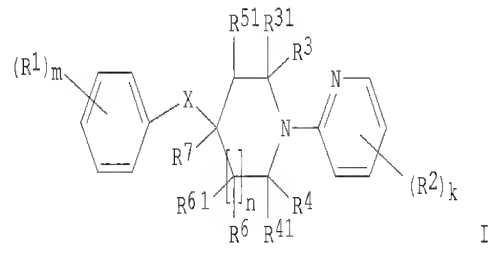
CN 3-Pyridinol, 6-[4-[4-(trifluoromethoxy)phenoxy]-1-piperidinyl]- (CA INDEX NAME)



L5 ANSWER 12 OF 38 CAPLUS COPYRIGHT 2008 ACS on STN

2005:1103769 Document No. 143:386926 Preparation of N-(2-pyridyl)cyclic amine derivatives as pest control agents. Hamamoto, Isami; Takahashi, Jun; Yano, Makio; Hanai, Daisuke; Iwasa, Takao (Nippon Soda Co., Ltd., Japan). PCT Int. Appl. WO 2005095380 A1 20051013, 183 pp. DESIGNATED STATES: W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW; RW: AT, BE, BF, BJ, CF, CG, CH, CI, CM, CY, DE, DK, ES, FI, FR, GA, GB, GR, IE, IS, IT, LU, MC, ML, MR, NE, NL, PT, SE, SN, TD, TG, TR. (Japanese). CODEN: PIXXD2. APPLICATION: WO 2005-JP6887 20050330. PRIORITY: JP 2004-106668 20040331; JP 2004-374007 20041224.

GI



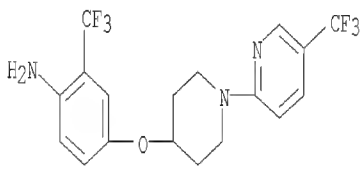
I

AB The title compds. (I) [R1 = HO, halo, cyano, NO2, CHO, each (un)substituted C1-6 alkyl, C1-6 alkoxy, NH2, or 5- or 6-membered heterocyclyl containing at least one heteroatom selected from O, N, and S, C2-6 alkenyl, C2-6 alkynyl, C1-6 haloalkyl, C1-6 haloalkenyl, C1-6 alkylcarbonyl, C1-6 haloalkoxy, C2-6 alkenyloxy, C2-6 haloalkenyloxy, C2-6 alkynyloxy, C1-6 alkylcarbonyloxy, C1-6 alkoxycarbonyloxy, C1-6 alkylthiocarbonyloxy, C1-6 alkylthio, C1-6 haloalkylthio, C1-6 alkylsulfinyl, C1-6 haloalkylsulfinyl, C1-6 alkylsulfonyl, etc.; m = 0-5; R2 = halo, NO2, C1-6 alkyl, C1-6 alkoxy, C1-6 haloalkyl, (un)substituted 5- or 6-membered heterocyclyl containing at least one heteroatom selected from O, N, and S; k = 0-4; R3, R31 R4, R41, R5, R51, R6, R61, R7 = H, C1-6 alkyl, C1-6 alkoxycarbonyl, C1-6 alkoxy; or R3 and R4 or R5 and R6 together form a saturated ring; X = O, S, S(O), S(O)2;n = 0, 1], salts, or N-oxide thereof are prepared Thus, a solution of 3.0 g 4-hydroxypiperidine and 5.4 g 2-chloro-5-trifluoromethylpyridine in 25 mL ethanol was treated with 4.5 g Et3N and refluxed overnight to give 5.98 g 1-[5-(Trifluoromethyl)pyridin-2-yl]piperidin-4-ol (II). A solution of II 4.9, 5-hydroxy-2-nitrobenzotrifluoride 3.2, and Ph3P 5.6 g in 30 mL THF was treated dropwise with a solution of 4.3 g diisopropyl azodicarboxylate in 30 mL THF under ice-cooling, warmed to room temperature, and stirred for 3 h to give 5.98 g 4-[4-Nitro-3-(trifluoromethyl)phenoxy]-1-[5-(trifluoromethyl)-2-pyridyl]-piperidine (III). A solution of 5.7 g III in 300 mL ethanol was

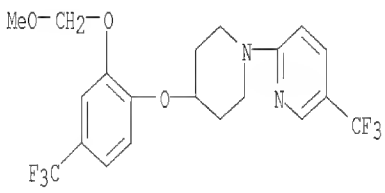
treated with 18.8 g zinc powder and 1.9 g CaCl2.2H2O and refluxed overnight to give 5.4 g 4-[4-Amino-3-(trifluoromethyl)phenoxy]-1-[5-(trifluoromethyl)-2-pyridyl]-piperidine (IV). IV at 125 ppm controlled 100% adult Tetranychus urticae on kidney bean leaf.

IT 866614-98-4P, 4-[4-Amino-3-(trifluoromethyl)phenoxy]-1-[5-(trifluoromethyl)-2-pyridyl]-piperidine 866615-02-3P, 4-[2-Methoxymethoxy-4-(trifluoromethyl)-phenoxy]-1-[5-(trifluoromethyl)-2-pyridyl]piperidine 866615-23-8P 866615-24-9P 866615-26-1P 866615-30-7P 866615-38-5P 866615-41-0P 866615-62-5P 866615-64-7P 866615-69-2P 866615-71-6P
RL: AGR (Agricultural use); BSU (Biological study, unclassified); RCT (Reactant); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent); USES (Uses)
(preparation of N-(2-pyridyl)cyclic amine derivs. as pesticides such as insecticides and miticides)

RN 866614-98-4 CAPLUS
CN Benzenamine, 2-(trifluoromethyl)-4-[[1-[5-(trifluoromethyl)-2-pyridinyl]-4-piperidinyl]oxy]- (CA INDEX NAME)

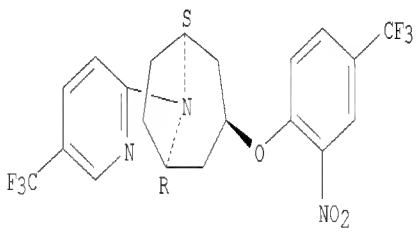


RN 866615-02-3 CAPLUS
CN Pyridine, 2-[4-[2-(methoxymethoxy)-4-(trifluoromethyl)phenoxy]-1-piperidinyl]-5-(trifluoromethyl)- (CA INDEX NAME)



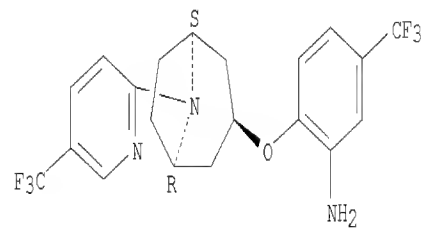
RN 866615-23-8 CAPLUS
CN 8-Azabicyclo[3.2.1]octane, 3-[2-nitro-4-(trifluoromethyl)phenoxy]-8-[5-(trifluoromethyl)-2-pyridinyl]-, (3-endo)- (CA INDEX NAME)

Relative stereochemistry.



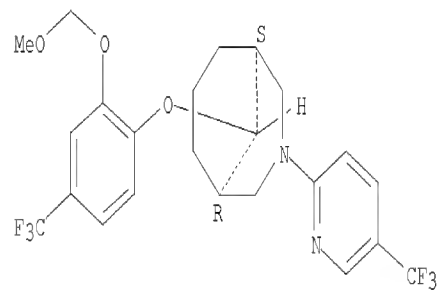
RN 866615-24-9 CAPLUS
CN Benzenamine, 5-(trifluoromethyl)-2-[[(3-endo)-8-[5-(trifluoromethyl)-2-pyridinyl]-8-azabicyclo[3.2.1]oct-3-yl]oxy]- (CA INDEX NAME)

Relative stereochemistry.



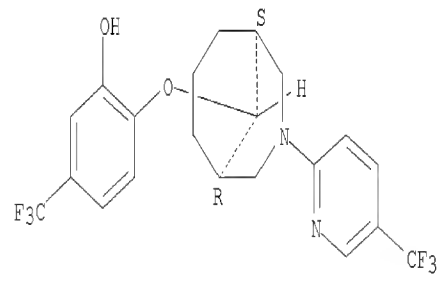
RN 866615-26-1 CAPLUS
CN 3-Azabicyclo[3.3.1]nonane, 9-[2-(methoxymethoxy)-4-(trifluoromethyl)phenoxy]-3-[5-(trifluoromethyl)-2-pyridinyl]-, (9-anti)-(9CI) (CA INDEX NAME)

Relative stereochemistry.



RN 866615-30-7 CAPLUS
CN Phenol, 5-(trifluoromethyl)-2-[[(9-anti)-3-[5-(trifluoromethyl)-2-pyridinyl]-3-azabicyclo[3.3.1]non-9-yl]oxy]- (CA INDEX NAME)

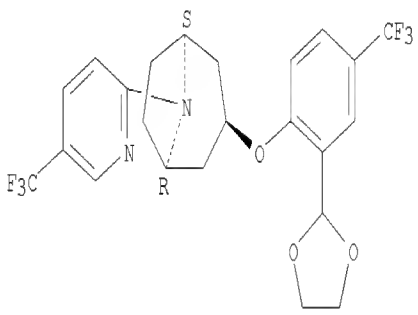
Relative stereochemistry.



RN 866615-38-5 CAPLUS
CN 8-Azabicyclo[3.2.1]octane, 3-[2-(1,3-dioxolan-2-yl)-4-

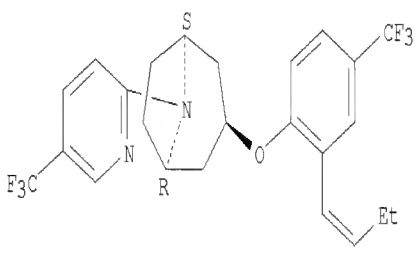
(trifluoromethyl)phenoxy]-8-[5-(trifluoromethyl)-2-pyridinyl]-, (3-endo)-
(CA INDEX NAME)

Relative stereochemistry.



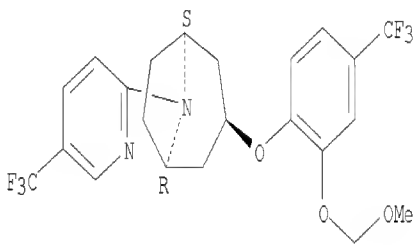
RN 866615-41-0 CAPLUS
CN 8-Azabicyclo[3.2.1]octane, 3-[2-(1-butenyl)-4-(trifluoromethyl)phenoxy]-8-
[5-(trifluoromethyl)-2-pyridinyl]-, (3-endo)- (9CI) (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry unknown.



RN 866615-62-5 CAPLUS
CN 8-Azabicyclo[3.2.1]octane, 3-[2-(methoxymethoxy)-4-
(trifluoromethyl)phenoxy]-8-[5-(trifluoromethyl)-2-pyridinyl]-, (3-endo)-
(CA INDEX NAME)

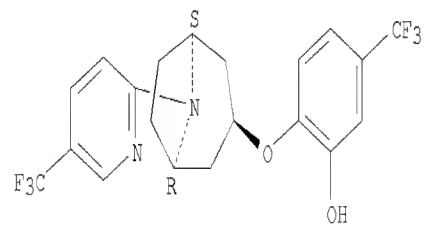
Relative stereochemistry.



RN 866615-64-7 CAPLUS
CN Phenol, 5-(trifluoromethyl)-2-[[(3-endo)-8-[5-(trifluoromethyl)-2-

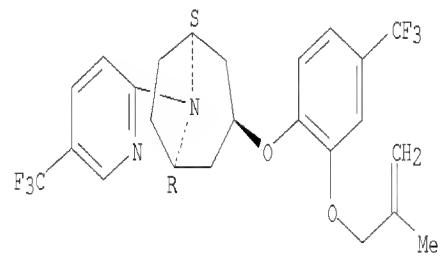
pyridinyl]-8-azabicyclo[3.2.1]oct-3-yl]oxy]- (CA INDEX NAME)

Relative stereochemistry.



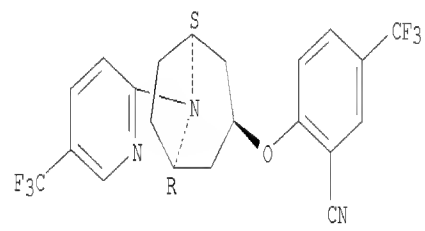
RN 866615-69-2 CAPLUS
CN 8-Azabicyclo[3.2.1]octane, 3-[2-[(2-methyl-2-propenyl)oxy]-4-
(trifluoromethyl)phenoxy]-8-[5-(trifluoromethyl)-2-pyridinyl]-, (3-endo)-
(9CI) (CA INDEX NAME)

Relative stereochemistry.



RN 866615-71-6 CAPLUS
CN Benzonitrile, 5-(trifluoromethyl)-2-[[(3-endo)-8-[5-(trifluoromethyl)-2-
pyridinyl]-8-azabicyclo[3.2.1]oct-3-yl]oxy]- (CA INDEX NAME)

Relative stereochemistry.



IT 866614-97-3P, 4-[4-Nitro-3-(trifluoromethyl)phenoxy]-1-[5-
(trifluoromethyl)-2-pyridyl]-piperidine 866614-99-5P,
4-[4-Chloro-3-(trifluoromethyl)phenoxy]-1-[5-(trifluoromethyl)-2-pyridyl]-
piperidine 866615-00-1P, 4-[4-Bromo-3-(trifluoromethyl)phenoxy]-
1-[5-(trifluoromethyl)-2-pyridyl]-piperidine 866615-01-2P,
4-[4-[Bis(methylsulfonyl)amino]-3-(trifluoromethyl)phenoxy]-1-[5-
fluoromethyl-2-pyridyl]piperidine 866615-04-5P,
4-[2-Hydroxy-4-(trifluoromethyl)phenoxy]-1-[5-(trifluoromethyl)-2-

pyridyl]piperidine 866615-05-6P, 4-[2-Acetoxy-4-(trifluoromethyl)phenoxy]-1-[5-(trifluoromethyl)-2-pyridyl]piperidine 866615-07-8P, 2-Methyl-4-[2-propoxy-4-(trifluoromethyl)phenoxy]-1-[5-(trifluoromethyl)-2-pyridyl]piperidine 866615-12-5P 866615-19-2P 866615-20-5P 866615-25-0P 866615-31-8P 866615-32-9P 866615-34-1P, cis-3-Methyl-4-[2-propoxy-4-(trifluoromethyl)phenoxy]-1-[5-(trifluoromethyl)-2-pyridyl]piperidine 866615-37-4P 866615-42-1P, 4-[2-Propoxy-4-(trifluoromethyl)phenylsulfanyl]-1-[5-(trifluoromethyl)-2-pyridyl]piperidine 866615-54-5P 866615-60-3P 866615-68-1P 866615-70-5P 866615-73-8P 866615-79-4P 866615-80-7P 866615-81-8P 866615-82-9P 866615-83-0P 866615-84-1P 866615-85-2P 866615-86-3P 866615-87-4P 866615-88-5P 866615-89-6P 866615-90-9P 866615-91-0P 866615-92-1P 866615-93-2P 866615-94-3P 866615-95-4P 866615-96-5P 866615-97-6P 866615-98-7P 866615-99-8P 866616-00-4P 866616-01-5P 866616-02-6P 866616-03-7P 866616-04-8P 866616-05-9P 866616-06-0P 866616-07-1P 866616-08-2P 866616-09-3P 866616-10-6P 866616-11-7P 866616-12-8P 866616-13-9P 866616-14-0P 866616-15-1P 866616-16-2P 866616-17-3P 866616-18-4P 866616-19-5P 866616-20-8P 866616-21-9P 866616-22-0P 866616-23-1P 866616-24-2P 866616-25-3P 866616-26-4P 866616-27-5P 866616-28-6P 866616-29-7P 866616-30-0P 866616-31-1P 866616-32-2P 866616-33-3P 866616-34-4P 866616-35-5P 866616-36-6P 866616-37-7P 866616-38-8P 866616-39-9P 866616-40-2P 866616-41-3P 866616-42-4P 866616-43-5P 866616-44-6P 866616-45-7P 866616-46-8P 866616-47-9P 866616-48-0P 866616-49-1P 866616-50-4P 866616-51-5P 866616-52-6P 866616-53-7P 866616-54-8P 866616-55-9P 866616-56-0P 866616-57-1P 866616-58-2P 866616-59-3P 866616-60-6P 866616-61-7P 866616-62-8P 866616-63-9P 866616-64-0P 866616-65-1P 866616-66-2P 866616-67-3P 866616-68-4P 866616-69-5P 866616-70-8P 866616-71-9P 866616-72-0P 866616-73-1P 866616-74-2P 866616-75-3P 866616-76-4P 866616-77-5P 866616-78-6P 866616-79-7P 866616-80-0P 866616-81-1P 866616-82-2P 866616-83-3P 866616-84-4P 866616-85-5P 866616-86-6P 866616-87-7P 866616-88-8P 866616-89-9P 866616-90-2P 866616-91-3P 866616-92-4P 866616-93-5P 866616-94-6P 866616-95-7P 866616-96-8P 866616-97-9P 866616-98-0P 866616-99-1P 866617-00-7P 866617-01-8P 866617-02-9P 866617-03-0P 866617-04-1P 866617-05-2P 866617-06-3P 866617-07-4P 866617-08-5P 866617-09-6P 866617-10-9P 866617-11-0P 866617-12-1P

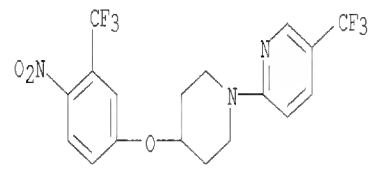
866617-13-2P 866617-14-3P 866617-15-4P 866617-16-5P 866617-17-6P 866617-18-7P 866617-19-8P 866617-20-1P 866617-21-2P 866617-22-3P 866617-23-4P 866617-24-5P 866617-25-6P 866617-26-7P 866617-27-8P 866617-28-9P 866617-29-0P 866617-30-3P 866617-31-4P 866617-32-5P 866617-33-6P 866617-34-7P 866617-35-8P 866617-36-9P 866617-37-0P 866617-38-1P 866617-39-2P 866617-40-5P 866617-41-6P 866617-42-7P 866617-43-8P 866617-44-9P 866617-45-0P 866617-46-1P 866617-47-2P 866617-48-3P 866617-49-4P 866617-50-7P 866617-51-8P 866617-52-9P 866617-53-0P 866617-54-1P 866617-55-2P 866617-56-3P 866617-57-4P 866617-58-5P 866617-59-6P 866617-60-9P 866617-61-0P 866617-62-1P 866617-63-2P 866617-64-3P 866617-65-4P 866617-66-5P 866617-67-6P 866617-68-7P 866617-69-8P 866617-70-1P 866617-71-2P 866617-72-3P 866617-73-4P 866617-74-5P 866617-75-6P 866617-76-7P 866617-77-8P 866617-78-9P 866617-80-3P 866617-82-5P 866617-83-6P 866617-84-7P 866617-85-8P 866617-86-9P 866617-87-0P 866617-88-1P 866617-89-2P 866617-90-5P 866617-91-6P 866617-92-7P 866617-93-8P

RL: AGR (Agricultural use); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of N-(2-pyridyl)cyclic amine derivs. as pesticides such as insecticides and miticides)

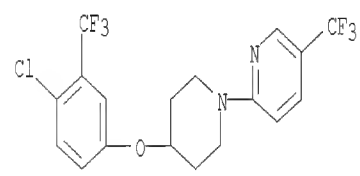
RN 866614-97-3 CAPLUS

CN Pyridine, 2-[4-[4-nitro-3-(trifluoromethyl)phenoxy]-1-piperidinyl]-5-(trifluoromethyl)- (CA INDEX NAME)

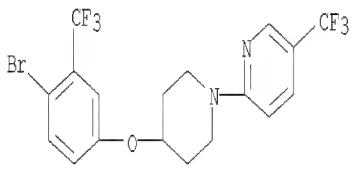


RN 866614-99-5 CAPLUS

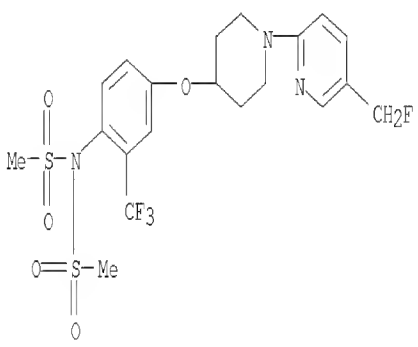
CN Pyridine, 2-[4-[4-chloro-3-(trifluoromethyl)phenoxy]-1-piperidinyl]-5-(trifluoromethyl)- (CA INDEX NAME)



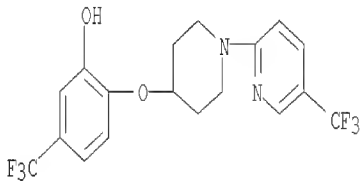
RN 866615-00-1 CAPLUS
CN Pyridine, 2-[4-[4-bromo-3-(trifluoromethyl)phenoxy]-1-piperidinyl]-5-(trifluoromethyl)- (CA INDEX NAME)



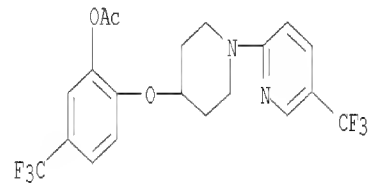
RN 866615-01-2 CAPLUS
CN Methanesulfonamide, N-[4-[[1-[5-(fluoromethyl)-2-pyridinyl]-4-piperidinyl]oxy]-2-(trifluoromethyl)phenyl]-N-(methylsulfonyl)- (CA INDEX NAME)



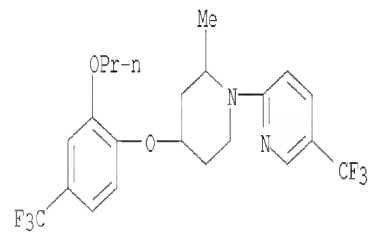
RN 866615-04-5 CAPLUS
CN Phenol, 5-(trifluoromethyl)-2-[[1-[5-(trifluoromethyl)-2-pyridinyl]-4-piperidinyl]oxy]- (CA INDEX NAME)



RN 866615-05-6 CAPLUS
CN Phenol, 5-(trifluoromethyl)-2-[[1-[5-(trifluoromethyl)-2-pyridinyl]-4-piperidinyl]oxy]-, acetate (ester) (9CI) (CA INDEX NAME)

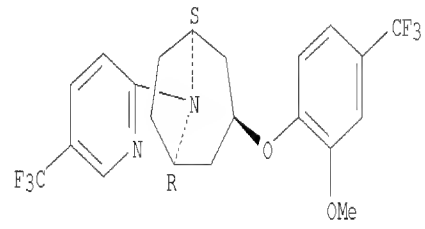


RN 866615-07-8 CAPLUS
CN Pyridine, 2-[2-methyl-4-[2-propoxy-4-(trifluoromethyl)phenoxy]-1-piperidinyl]-5-(trifluoromethyl)- (CA INDEX NAME)



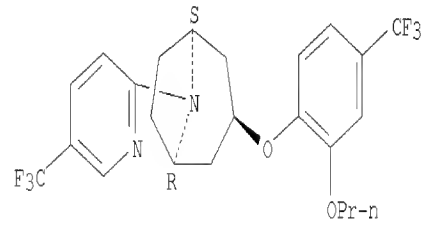
RN 866615-12-5 CAPLUS
CN 8-Azabicyclo[3.2.1]octane, 3-[2-methoxy-4-(trifluoromethyl)phenoxy]-8-[5-(trifluoromethyl)-2-pyridinyl]-, (3-endo)- (CA INDEX NAME)

Relative stereochemistry.



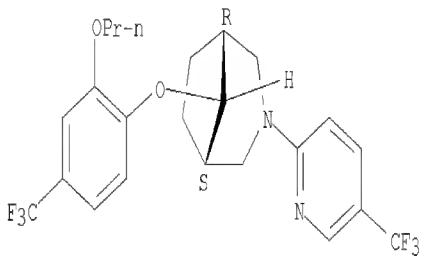
RN 866615-19-2 CAPLUS
CN 8-Azabicyclo[3.2.1]octane, 3-[2-propoxy-4-(trifluoromethyl)phenoxy]-8-[5-(trifluoromethyl)-2-pyridinyl]-, (3-endo)- (CA INDEX NAME)

Relative stereochemistry.



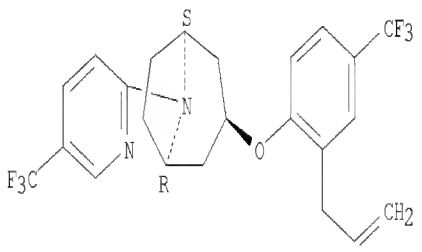
RN 866615-20-5 CAPLUS
CN 3-Azabicyclo[3.2.1]octane, 8-[2-propoxy-4-(trifluoromethyl)phenoxy]-3-[5-(trifluoromethyl)-2-pyridinyl]-, (8-anti)- (CA INDEX NAME)

Relative stereochemistry.



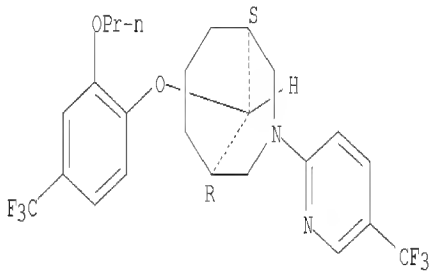
RN 866615-25-0 CAPLUS
CN 8-Azabicyclo[3.2.1]octane, 3-[2-(2-propenyl)-4-(trifluoromethyl)phenoxy]-8-[5-(trifluoromethyl)-2-pyridinyl]-, (3-endo)- (9CI) (CA INDEX NAME)

Relative stereochemistry.



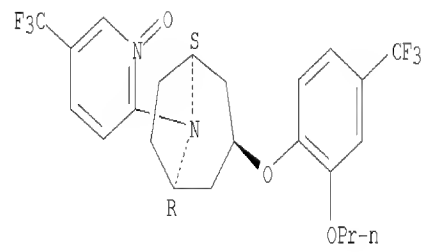
RN 866615-31-8 CAPLUS
CN 3-Azabicyclo[3.3.1]nonane, 9-[2-propoxy-4-(trifluoromethyl)phenoxy]-3-[5-(trifluoromethyl)-2-pyridinyl]-, (9-anti)- (9CI) (CA INDEX NAME)

Relative stereochemistry.



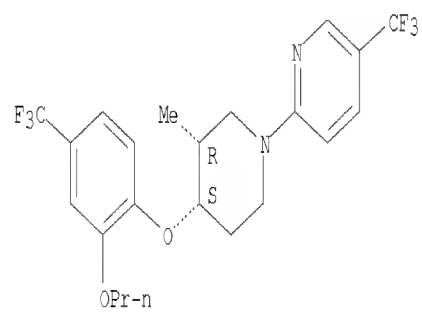
RN 866615-32-9 CAPLUS
CN 8-Azabicyclo[3.2.1]octane, 8-[1-oxido-5-(trifluoromethyl)-2-pyridinyl]-3-[2-propoxy-4-(trifluoromethyl)phenoxy]-, (3-endo)- (CA INDEX NAME)

Relative stereochemistry.



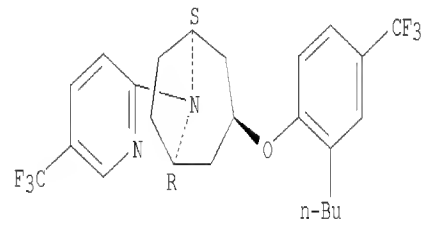
RN 866615-34-1 CAPLUS
CN Pyridine, 2-[(3R,4S)-3-methyl-4-[2-propoxy-4-(trifluoromethyl)phenoxy]-1-piperidinyl]-5-(trifluoromethyl)-, rel- (CA INDEX NAME)

Relative stereochemistry.

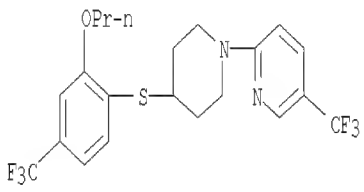


RN 866615-37-4 CAPLUS
CN 8-Azabicyclo[3.2.1]octane, 3-[2-butyl-4-(trifluoromethyl)phenoxy]-8-[5-(trifluoromethyl)-2-pyridinyl]-, (3-endo)- (CA INDEX NAME)

Relative stereochemistry.

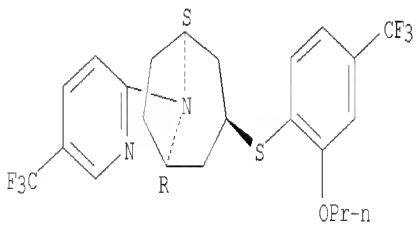


RN 866615-42-1 CAPLUS
CN Pyridine, 2-[4-[[2-propoxy-4-(trifluoromethyl)phenyl]thio]-1-piperidinyl]-5-(trifluoromethyl)- (CA INDEX NAME)



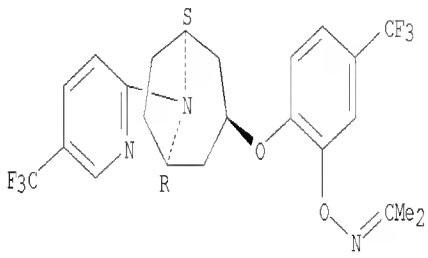
RN 866615-54-5 CAPLUS
CN 8-Azabicyclo[3.2.1]octane, 3-[[2-propoxy-4-(trifluoromethyl)phenyl]thio]-8-[5-(trifluoromethyl)-2-pyridinyl]-, (3-endo)- (CA INDEX NAME)

Relative stereochemistry.



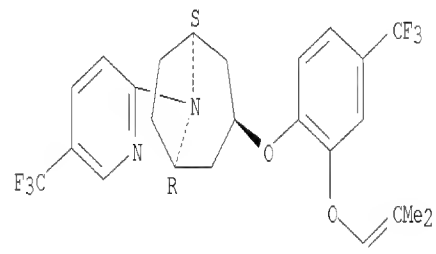
RN 866615-60-3 CAPLUS
CN 2-Propanone, O-[5-(trifluoromethyl)-2-[[(3-endo)-8-[5-(trifluoromethyl)-2-pyridinyl]-8-azabicyclo[3.2.1]oct-3-yl]oxy]phenyl]oxime (CA INDEX NAME)

Relative stereochemistry.



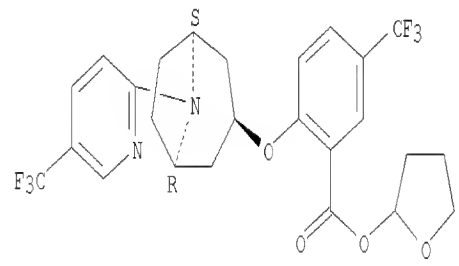
RN 866615-68-1 CAPLUS
CN 8-Azabicyclo[3.2.1]octane, 3-[2-[(2-methyl-1-propenyl)oxy]-4-(trifluoromethyl)phenoxy]-8-[5-(trifluoromethyl)-2-pyridinyl]-, (3-endo)-(9CI) (CA INDEX NAME)

Relative stereochemistry.



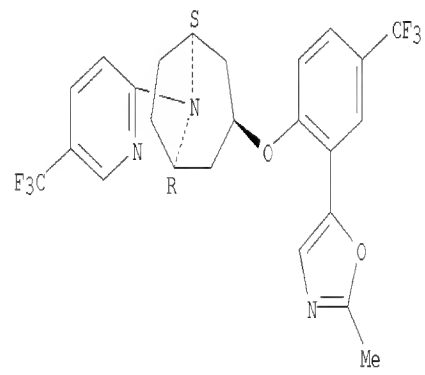
RN 866615-70-5 CAPLUS
CN Benzoic acid, 5-(trifluoromethyl)-2-[[(3-endo)-8-[5-(trifluoromethyl)-2-pyridinyl]-8-azabicyclo[3.2.1]oct-3-yl]oxy]-, tetrahydro-2-furanyl ester (CA INDEX NAME)

Relative stereochemistry.

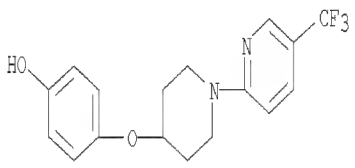


RN 866615-73-8 CAPLUS
CN 8-Azabicyclo[3.2.1]octane, 3-[2-(2-methyl-5-oxazolyl)-4-(trifluoromethyl)phenoxy]-8-[5-(trifluoromethyl)-2-pyridinyl]-, (3-endo)-(CA INDEX NAME)

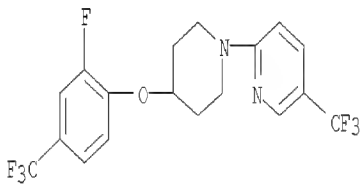
Relative stereochemistry.



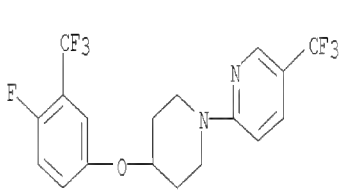
RN 866615-79-4 CAPLUS
CN Phenol, 4-[[1-[5-(trifluoromethyl)-2-pyridinyl]-4-piperidinyl]oxy]- (CA INDEX NAME)



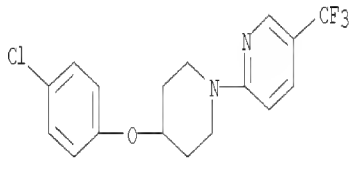
RN 866615-80-7 CAPLUS
CN Pyridine, 2-[4-[2-fluoro-4-(trifluoromethyl)phenoxy]-1-piperidinyl]-5-(trifluoromethyl)- (CA INDEX NAME)



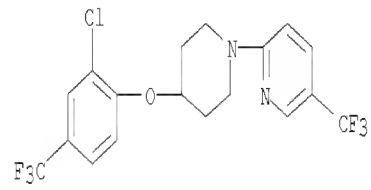
RN 866615-81-8 CAPLUS
CN Pyridine, 2-[4-[4-fluoro-3-(trifluoromethyl)phenoxy]-1-piperidinyl]-5-(trifluoromethyl)- (CA INDEX NAME)



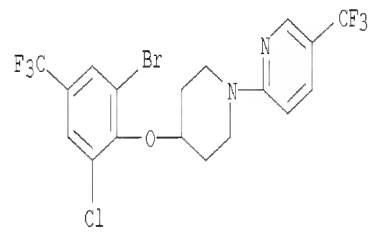
RN 866615-82-9 CAPLUS
CN Pyridine, 2-[4-(4-chlorophenoxy)-1-piperidinyl]-5-(trifluoromethyl)- (CA INDEX NAME)



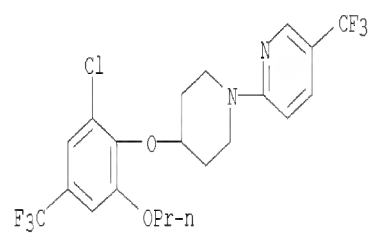
RN 866615-83-0 CAPLUS
CN Pyridine, 2-[4-[2-chloro-4-(trifluoromethyl)phenoxy]-1-piperidinyl]-5-(trifluoromethyl)- (CA INDEX NAME)



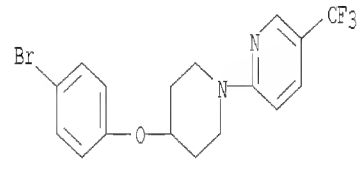
RN 866615-84-1 CAPLUS
CN Pyridine, 2-[4-[2-bromo-6-chloro-4-(trifluoromethyl)phenoxy]-1-piperidinyl]-5-(trifluoromethyl)- (CA INDEX NAME)



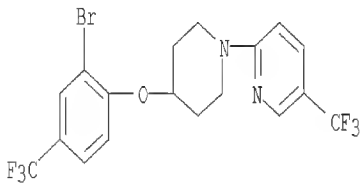
RN 866615-85-2 CAPLUS
CN Pyridine, 2-[4-[2-chloro-6-propoxy-4-(trifluoromethyl)phenoxy]-1-piperidinyl]-5-(trifluoromethyl)- (CA INDEX NAME)



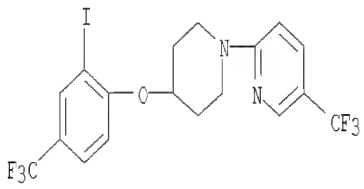
RN 866615-86-3 CAPLUS
CN Pyridine, 2-[4-(4-bromophenoxy)-1-piperidinyl]-5-(trifluoromethyl)- (CA INDEX NAME)



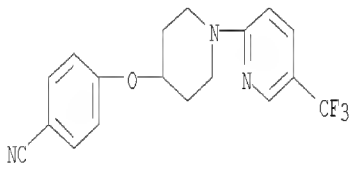
RN 866615-87-4 CAPLUS
CN Pyridine, 2-[4-[2-bromo-4-(trifluoromethyl)phenoxy]-1-piperidinyl]-5-(trifluoromethyl)- (CA INDEX NAME)



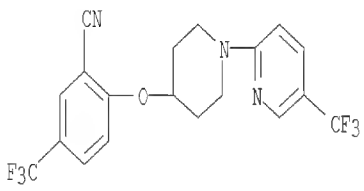
RN 866615-88-5 CAPLUS
CN Pyridine, 2-[4-[2-iodo-4-(trifluoromethyl)phenoxy]-1-piperidinyl]-5-(trifluoromethyl)- (CA INDEX NAME)



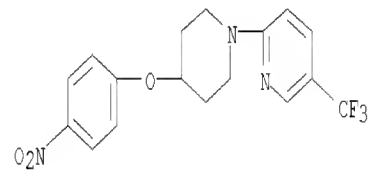
RN 866615-89-6 CAPLUS
CN Benzonitrile, 4-[[1-[5-(trifluoromethyl)-2-pyridinyl]-4-piperidinyl]oxy]- (CA INDEX NAME)



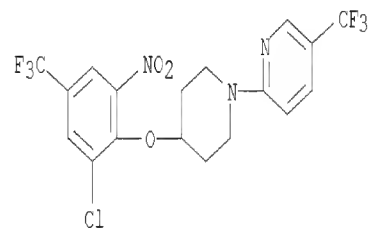
RN 866615-90-9 CAPLUS
CN Benzonitrile, 5-(trifluoromethyl)-2-[[1-[5-(trifluoromethyl)-2-pyridinyl]-4-piperidinyl]oxy]- (CA INDEX NAME)



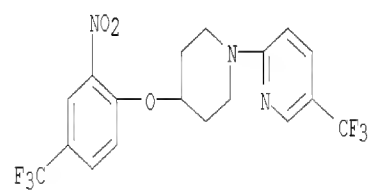
RN 866615-91-0 CAPLUS
CN Pyridine, 2-[4-(4-nitrophenoxy)-1-piperidinyl]-5-(trifluoromethyl)- (CA INDEX NAME)



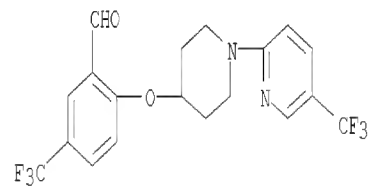
RN 866615-92-1 CAPLUS
CN Pyridine, 2-[4-[2-chloro-6-nitro-4-(trifluoromethyl)phenoxy]-1-piperidinyl]-5-(trifluoromethyl)- (CA INDEX NAME)



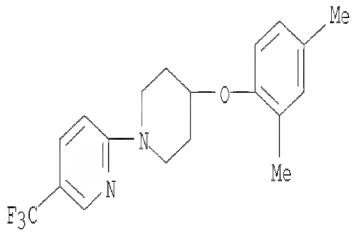
RN 866615-93-2 CAPLUS
CN Pyridine, 2-[4-[2-nitro-4-(trifluoromethyl)phenoxy]-1-piperidinyl]-5-(trifluoromethyl)- (CA INDEX NAME)



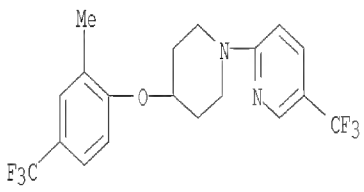
RN 866615-94-3 CAPLUS
CN Benzaldehyde, 5-(trifluoromethyl)-2-[[1-[5-(trifluoromethyl)-2-pyridinyl]-4-piperidinyl]oxy]- (CA INDEX NAME)



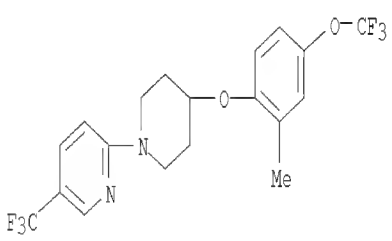
RN 866615-95-4 CAPLUS
CN Pyridine, 2-[4-(2,4-dimethylphenoxy)-1-piperidinyl]-5-(trifluoromethyl)- (CA INDEX NAME)



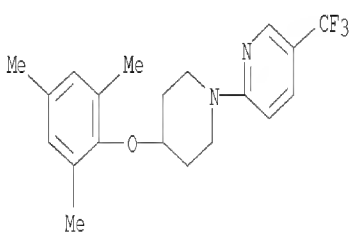
RN 866615-96-5 CAPLUS
CN Pyridine, 2-[4-[2-methyl-4-(trifluoromethyl)phenoxy]-1-piperidinyl]-5-(trifluoromethyl)- (CA INDEX NAME)



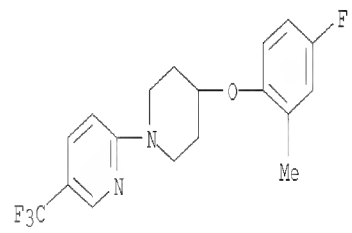
RN 866615-97-6 CAPLUS
CN Pyridine, 2-[4-[2-methyl-4-(trifluoromethoxy)phenoxy]-1-piperidinyl]-5-(trifluoromethyl)- (CA INDEX NAME)



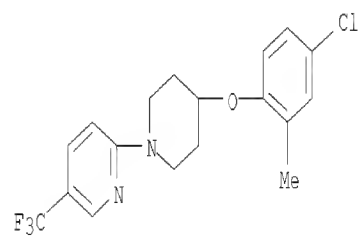
RN 866615-98-7 CAPLUS
CN Pyridine, 5-(trifluoromethyl)-2-[4-(2,4,6-trimethylphenoxy)-1-piperidinyl]- (CA INDEX NAME)



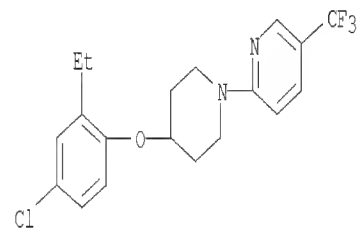
RN 866615-99-8 CAPLUS
CN Pyridine, 2-[4-(4-fluoro-2-methylphenoxy)-1-piperidinyl]-5-(trifluoromethyl)- (CA INDEX NAME)



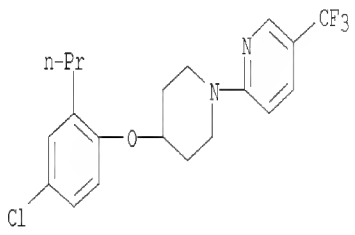
RN 866616-00-4 CAPLUS
CN Pyridine, 2-[4-(4-chloro-2-methylphenoxy)-1-piperidinyl]-5-(trifluoromethyl)- (CA INDEX NAME)



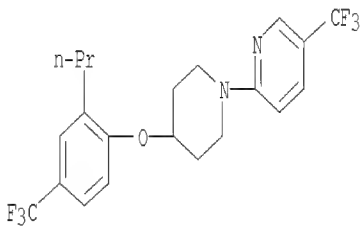
RN 866616-01-5 CAPLUS
CN Pyridine, 2-[4-(4-chloro-2-ethylphenoxy)-1-piperidinyl]-5-(trifluoromethyl)- (CA INDEX NAME)



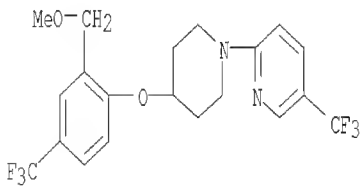
RN 866616-02-6 CAPLUS
CN Pyridine, 2-[4-(4-chloro-2-propylphenoxy)-1-piperidinyl]-5-(trifluoromethyl)- (CA INDEX NAME)



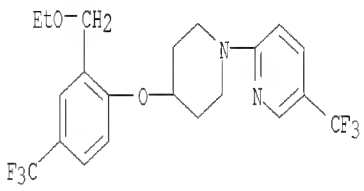
RN 866616-03-7 CAPLUS
CN Pyridine, 2-[4-[2-propyl-4-(trifluoromethyl)phenoxy]-1-piperidinyl]-5-(trifluoromethyl)- (CA INDEX NAME)



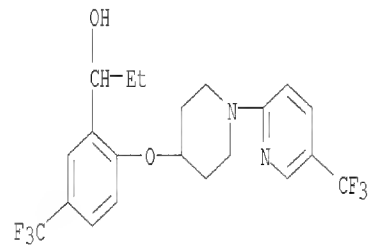
RN 866616-04-8 CAPLUS
CN Pyridine, 2-[4-[2-(methoxymethyl)-4-(trifluoromethyl)phenoxy]-1-piperidinyl]-5-(trifluoromethyl)- (CA INDEX NAME)



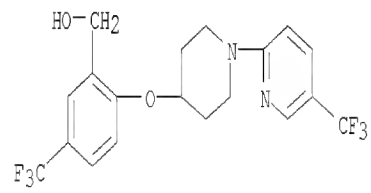
RN 866616-05-9 CAPLUS
CN Pyridine, 2-[4-[2-(ethoxymethyl)-4-(trifluoromethyl)phenoxy]-1-piperidinyl]-5-(trifluoromethyl)- (CA INDEX NAME)



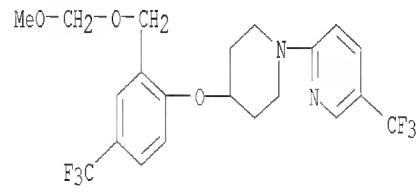
RN 866616-06-0 CAPLUS
CN Benzenemethanol, α-ethyl-5-(trifluoromethyl)-2-[[1-[5-(trifluoromethyl)-2-pyridinyl]-4-piperidinyl]oxy]- (CA INDEX NAME)



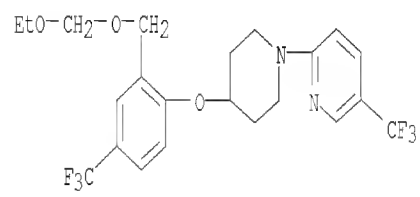
RN 866616-07-1 CAPLUS
CN Benzenemethanol, 5-(trifluoromethyl)-2-[[1-[5-(trifluoromethyl)-2-pyridinyl]-4-piperidinyl]oxy]- (CA INDEX NAME)



RN 866616-08-2 CAPLUS
CN Pyridine, 2-[4-[2-[(methoxymethoxy)methyl]-4-(trifluoromethyl)phenoxy]-1-piperidinyl]-5-(trifluoromethyl)- (CA INDEX NAME)

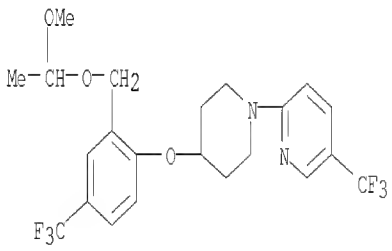


RN 866616-09-3 CAPLUS
CN Pyridine, 2-[4-[2-[(ethoxymethoxy)methyl]-4-(trifluoromethyl)phenoxy]-1-piperidinyl]-5-(trifluoromethyl)- (CA INDEX NAME)

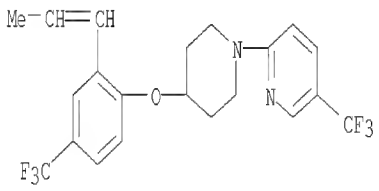


RN 866616-10-6 CAPLUS

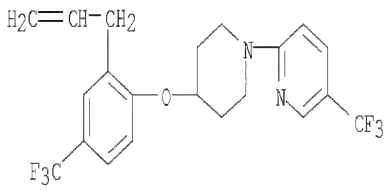
CN Pyridine, 2-[4-[2-[(1-methoxyethoxy)methyl]-4-(trifluoromethyl)phenoxy]-1-piperidinyl]-5-(trifluoromethyl)- (CA INDEX NAME)



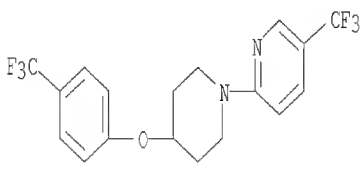
RN 866616-11-7 CAPLUS
CN Pyridine, 2-[4-[2-(1-propenyl)-4-(trifluoromethyl)phenoxy]-1-piperidinyl]-5-(trifluoromethyl)- (9CI) (CA INDEX NAME)



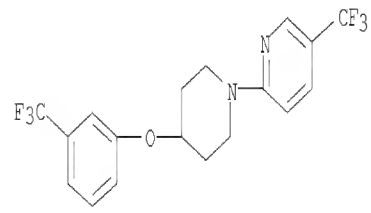
RN 866616-12-8 CAPLUS
CN Pyridine, 2-[4-[2-(2-propenyl)-4-(trifluoromethyl)phenoxy]-1-piperidinyl]-5-(trifluoromethyl)- (9CI) (CA INDEX NAME)



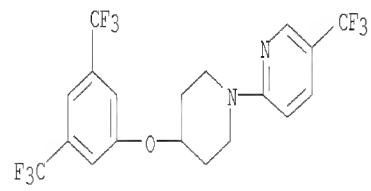
RN 866616-13-9 CAPLUS
CN Pyridine, 5-(trifluoromethyl)-2-[4-[4-(trifluoromethyl)phenoxy]-1-piperidinyl]- (CA INDEX NAME)



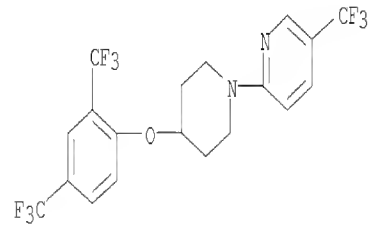
RN 866616-14-0 CAPLUS
CN Pyridine, 5-(trifluoromethyl)-2-[4-[3-(trifluoromethyl)phenoxy]-1-piperidinyl]- (CA INDEX NAME)



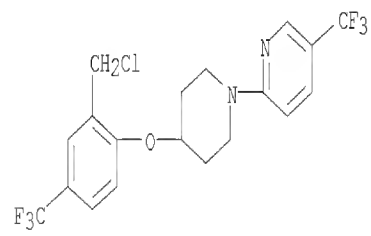
RN 866616-15-1 CAPLUS
CN Pyridine, 2-[4-[3,5-bis(trifluoromethyl)phenoxy]-1-piperidinyl]-5-(trifluoromethyl)- (CA INDEX NAME)



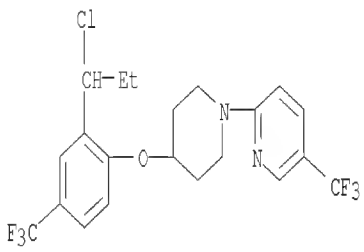
RN 866616-16-2 CAPLUS
CN Pyridine, 2-[4-[2,4-bis(trifluoromethyl)phenoxy]-1-piperidinyl]-5-(trifluoromethyl)- (CA INDEX NAME)



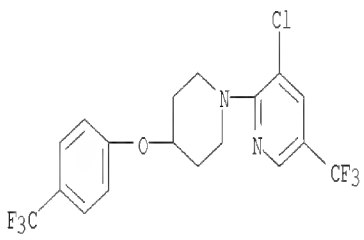
RN 866616-17-3 CAPLUS
CN Pyridine, 2-[4-[2-(chloromethyl)-4-(trifluoromethyl)phenoxy]-1-piperidinyl]-5-(trifluoromethyl)- (CA INDEX NAME)



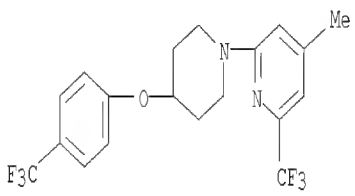
RN 866616-18-4 CAPLUS
CN Pyridine, 2-[4-[2-(1-chloropropyl)-4-(trifluoromethyl)phenoxy]-1-piperidinyl]-5-(trifluoromethyl)- (CA INDEX NAME)



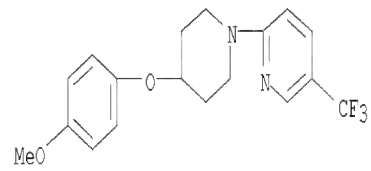
RN 866616-19-5 CAPLUS
CN Pyridine, 3-chloro-5-(trifluoromethyl)-2-[4-[4-(trifluoromethyl)phenoxy]-1-piperidinyl]- (CA INDEX NAME)



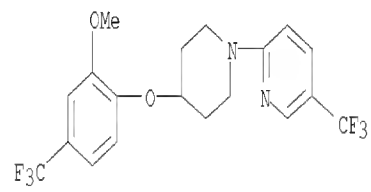
RN 866616-20-8 CAPLUS
CN Pyridine, 4-methyl-2-(trifluoromethyl)-6-[4-[4-(trifluoromethyl)phenoxy]-1-piperidinyl]- (CA INDEX NAME)



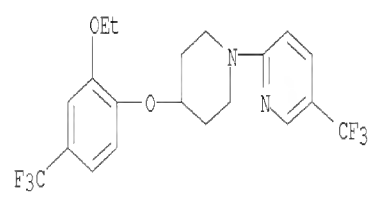
RN 866616-21-9 CAPLUS
CN Pyridine, 2-[4-(4-methoxyphenoxy)-1-piperidinyl]-5-(trifluoromethyl)- (CA INDEX NAME)



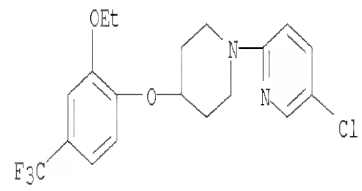
RN 866616-22-0 CAPLUS
CN Pyridine, 2-[4-[2-methoxy-4-(trifluoromethyl)phenoxy]-1-piperidinyl]-5-(trifluoromethyl)- (CA INDEX NAME)



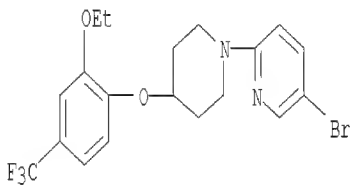
RN 866616-23-1 CAPLUS
CN Pyridine, 2-[4-[2-ethoxy-4-(trifluoromethyl)phenoxy]-1-piperidinyl]-5-(trifluoromethyl)- (CA INDEX NAME)



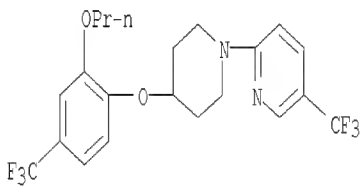
RN 866616-24-2 CAPLUS
CN Pyridine, 5-chloro-2-[4-[2-ethoxy-4-(trifluoromethyl)phenoxy]-1-piperidinyl]- (CA INDEX NAME)



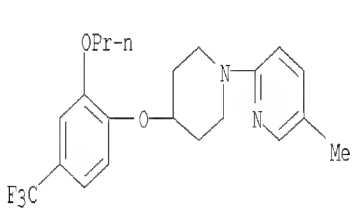
RN 866616-25-3 CAPLUS
CN Pyridine, 5-bromo-2-[4-[2-ethoxy-4-(trifluoromethyl)phenoxy]-1-piperidinyl]- (CA INDEX NAME)



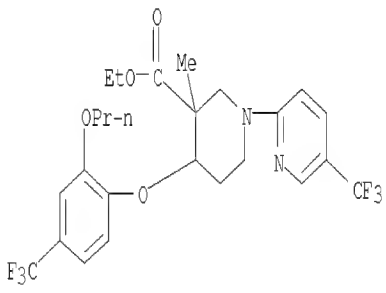
RN 866616-26-4 CAPLUS
CN Pyridine, 2-[4-[2-propoxy-4-(trifluoromethyl)phenoxy]-1-piperidinyl]-5-(trifluoromethyl)- (CA INDEX NAME)



RN 866616-27-5 CAPLUS
CN Pyridine, 5-methyl-2-[4-[2-propoxy-4-(trifluoromethyl)phenoxy]-1-piperidinyl]- (CA INDEX NAME)

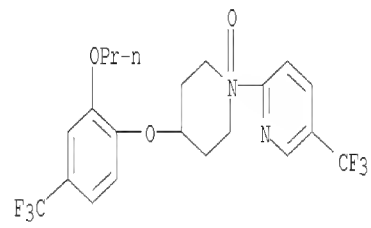


RN 866616-28-6 CAPLUS
CN 3-Piperidinecarboxylic acid, 3-methyl-4-[2-propoxy-4-(trifluoromethyl)phenoxy]-1-[5-(trifluoromethyl)-2-pyridinyl]-, ethyl ester (CA INDEX NAME)



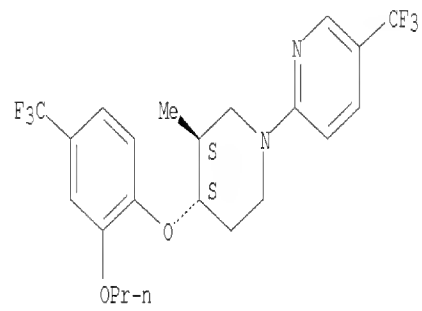
RN 866616-29-7 CAPLUS

CN Pyridine, 2-[1-oxido-4-[2-propoxy-4-(trifluoromethyl)phenoxy]-1-piperidinyl]-5-(trifluoromethyl)- (CA INDEX NAME)

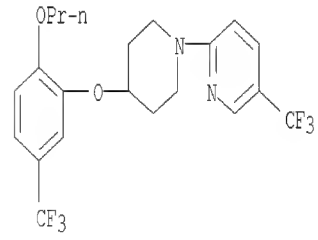


RN 866616-30-0 CAPLUS
CN Pyridine, 2-[(3R,4R)-3-methyl-4-[2-propoxy-4-(trifluoromethyl)phenoxy]-1-piperidinyl]-5-(trifluoromethyl)-, rel- (CA INDEX NAME)

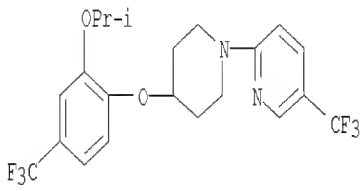
Relative stereochemistry.



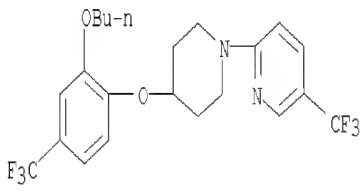
RN 866616-31-1 CAPLUS
CN Pyridine, 2-[4-[2-propoxy-5-(trifluoromethyl)phenoxy]-1-piperidinyl]-5-(trifluoromethyl)- (CA INDEX NAME)



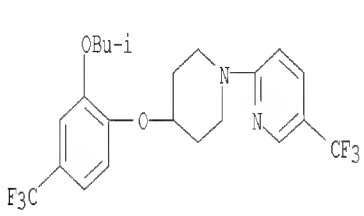
RN 866616-32-2 CAPLUS
CN Pyridine, 2-[4-[2-(1-methylethoxy)-4-(trifluoromethyl)phenoxy]-1-piperidinyl]-5-(trifluoromethyl)- (CA INDEX NAME)



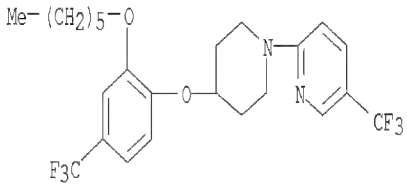
RN 866616-33-3 CAPLUS
CN Pyridine, 2-[4-[2-butoxy-4-(trifluoromethyl)phenoxy]-1-piperidinyl]-5-(trifluoromethyl)- (CA INDEX NAME)



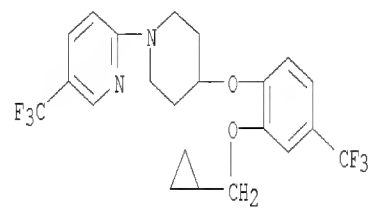
RN 866616-34-4 CAPLUS
CN Pyridine, 2-[4-[2-(2-methylpropoxy)-4-(trifluoromethyl)phenoxy]-1-piperidinyl]-5-(trifluoromethyl)- (CA INDEX NAME)



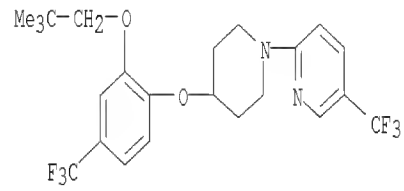
RN 866616-35-5 CAPLUS
CN Pyridine, 2-[4-[2-(hexyloxy)-4-(trifluoromethyl)phenoxy]-1-piperidinyl]-5-(trifluoromethyl)- (CA INDEX NAME)



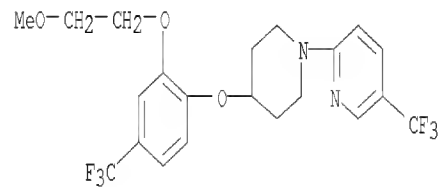
RN 866616-36-6 CAPLUS
CN Pyridine, 2-[4-[2-(cyclopropylmethoxy)-4-(trifluoromethyl)phenoxy]-1-piperidinyl]-5-(trifluoromethyl)- (CA INDEX NAME)



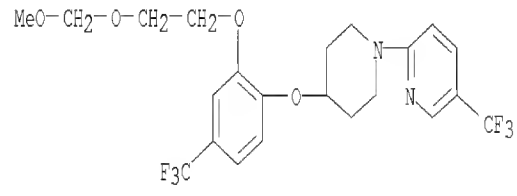
RN 866616-37-7 CAPLUS
CN Pyridine, 2-[4-[2-(2,2-dimethylpropoxy)-4-(trifluoromethyl)phenoxy]-1-piperidinyl]-5-(trifluoromethyl)- (CA INDEX NAME)



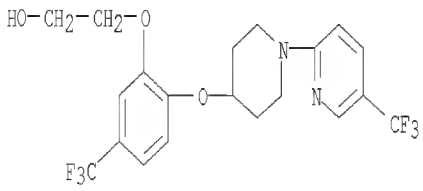
RN 866616-38-8 CAPLUS
CN Pyridine, 2-[4-[2-(2-methoxyethoxy)-4-(trifluoromethyl)phenoxy]-1-piperidinyl]-5-(trifluoromethyl)- (CA INDEX NAME)



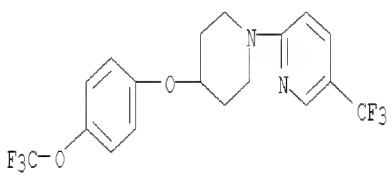
RN 866616-39-9 CAPLUS
CN Pyridine, 2-[4-[2-[2-(methoxymethoxy)ethoxy]-4-(trifluoromethyl)phenoxy]-1-piperidinyl]-5-(trifluoromethyl)- (CA INDEX NAME)



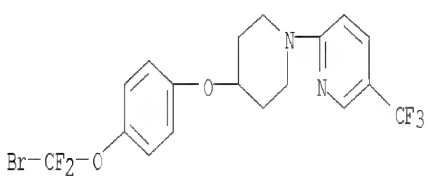
RN 866616-40-2 CAPLUS
CN Ethanol, 2-[5-(trifluoromethyl)-2-[[1-[5-(trifluoromethyl)-2-pyridinyl]-4-piperidinyl]oxy]phenoxy]- (CA INDEX NAME)



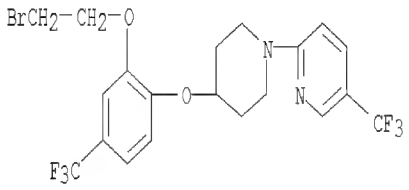
RN 866616-41-3 CAPLUS
CN Pyridine, 2-[4-[4-(trifluoromethoxy)phenoxy]-1-piperidinyl]-5-(trifluoromethyl)- (CA INDEX NAME)



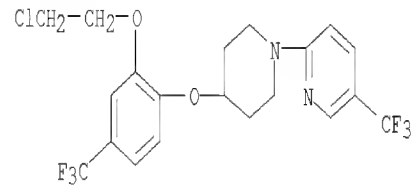
RN 866616-42-4 CAPLUS
CN Pyridine, 2-[4-[4-(bromodifluoromethoxy)phenoxy]-1-piperidinyl]-5-(trifluoromethyl)- (CA INDEX NAME)



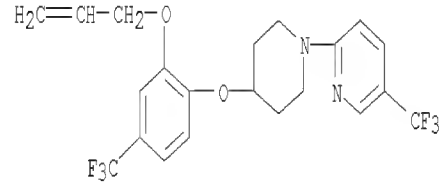
RN 866616-43-5 CAPLUS
CN Pyridine, 2-[4-[2-(2-bromoethoxy)-4-(trifluoromethyl)phenoxy]-1-piperidinyl]-5-(trifluoromethyl)- (CA INDEX NAME)



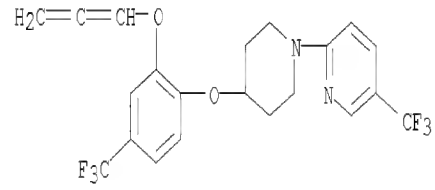
RN 866616-44-6 CAPLUS
CN Pyridine, 2-[4-[2-(2-chloroethoxy)-4-(trifluoromethyl)phenoxy]-1-piperidinyl]-5-(trifluoromethyl)- (CA INDEX NAME)



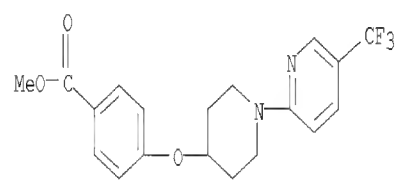
RN 866616-45-7 CAPLUS
CN Pyridine, 2-[4-[2-(2-propenyloxy)-4-(trifluoromethyl)phenoxy]-1-piperidinyl]-5-(trifluoromethyl)- (9CI) (CA INDEX NAME)



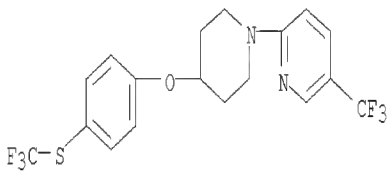
RN 866616-46-8 CAPLUS
CN Pyridine, 2-[4-[2-(1,2-propadienyloxy)-4-(trifluoromethyl)phenoxy]-1-piperidinyl]-5-(trifluoromethyl)- (9CI) (CA INDEX NAME)



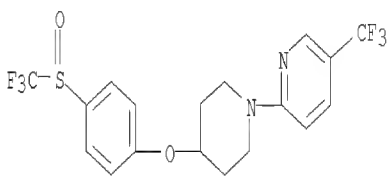
RN 866616-47-9 CAPLUS
CN Benzoic acid, 4-[[1-[5-(trifluoromethyl)-2-pyridinyl]-4-piperidinyl]oxy]-, methyl ester (CA INDEX NAME)



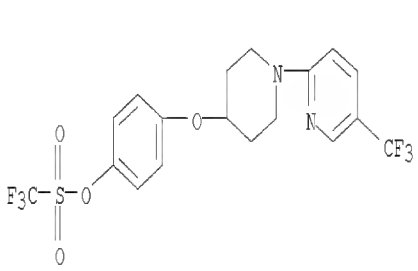
RN 866616-48-0 CAPLUS
CN Pyridine, 5-(trifluoromethyl)-2-[4-[4-[(trifluoromethyl)thio]phenoxy]-1-piperidinyl]- (CA INDEX NAME)



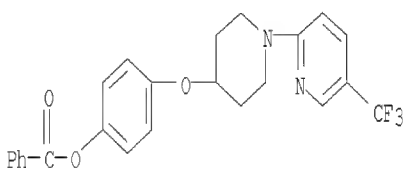
RN 866616-49-1 CAPLUS
CN Pyridine, 5-(trifluoromethyl)-2-[4-[4-[(trifluoromethyl)sulfinyl]phenoxy]-1-piperidinyl]- (CA INDEX NAME)



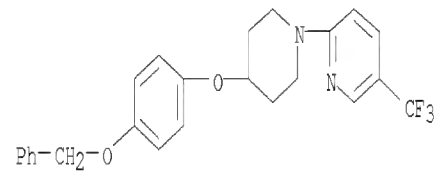
RN 866616-50-4 CAPLUS
CN Methanesulfonic acid, trifluoro-, 4-[[1-[5-(trifluoromethyl)-2-pyridinyl]-4-piperidinyl]oxy]phenyl ester (9CI) (CA INDEX NAME)



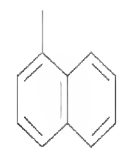
RN 866616-51-5 CAPLUS
CN Phenol, 4-[[1-[5-(trifluoromethyl)-2-pyridinyl]-4-piperidinyl]oxy]-, benzoate (ester) (9CI) (CA INDEX NAME)



RN 866616-52-6 CAPLUS
CN Pyridine, 2-[4-[4-(phenylmethoxy)phenoxy]-1-piperidinyl]-5-(trifluoromethyl)- (CA INDEX NAME)

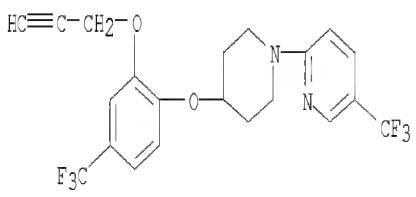


RN 866616-53-7 CAPLUS
CN Pyridine, 2-[4-[4-(1-naphthalenylmethoxy)phenoxy]-1-piperidinyl]-5-(trifluoromethyl)- (CA INDEX NAME)

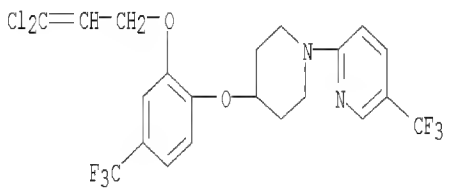


RN 866616-54-8 CAPLUS
CN Pyridine, 2-[4-[2-(2-propynyloxy)-4-(trifluoromethyl)phenoxy]-1-

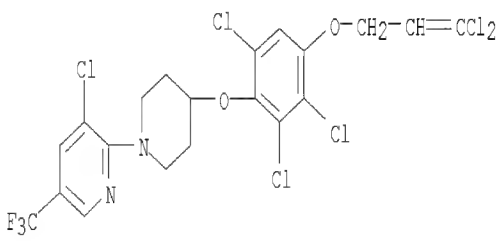
piperidinyl]-5-(trifluoromethyl)- (9CI) (CA INDEX NAME)



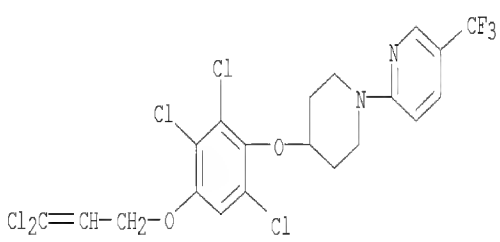
RN 866616-55-9 CAPLUS
CN Pyridine, 2-[4-[2-[(3,3-dichloro-2-propenyl)oxy]-4-(trifluoromethyl)phenoxy]-1-piperidinyl]-5-(trifluoromethyl)- (9CI) (CA INDEX NAME)



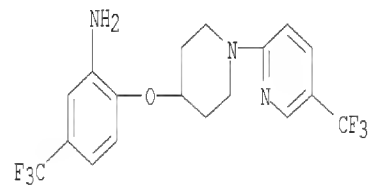
RN 866616-56-0 CAPLUS
CN Pyridine, 3-chloro-2-[4-[2,3,6-trichloro-4-[(3,3-dichloro-2-propenyl)oxy]phenoxy]-1-piperidinyl]-5-(trifluoromethyl)- (9CI) (CA INDEX NAME)



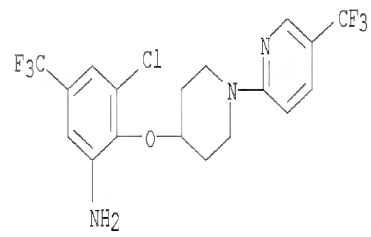
RN 866616-57-1 CAPLUS
CN Pyridine, 2-[4-[2,3,6-trichloro-4-[(3,3-dichloro-2-propenyl)oxy]phenoxy]-1-piperidinyl]-5-(trifluoromethyl)- (9CI) (CA INDEX NAME)



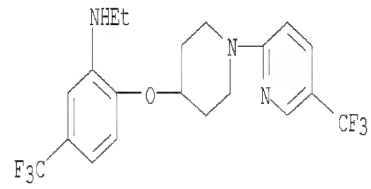
RN 866616-58-2 CAPLUS
CN Benzenamine, 5-(trifluoromethyl)-2-[[1-[5-(trifluoromethyl)-2-pyridinyl]-4-piperidinyl]oxy]- (CA INDEX NAME)



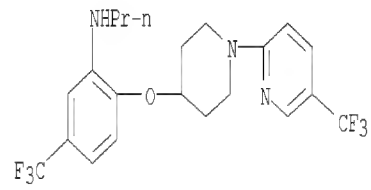
RN 866616-59-3 CAPLUS
CN Benzenamine, 3-chloro-5-(trifluoromethyl)-2-[[1-[5-(trifluoromethyl)-2-pyridinyl]-4-piperidinyl]oxy]- (CA INDEX NAME)



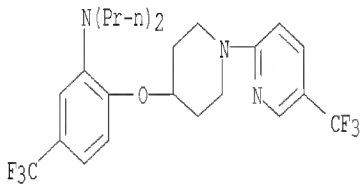
RN 866616-60-6 CAPLUS
CN Benzenamine, N-ethyl-5-(trifluoromethyl)-2-[[1-[5-(trifluoromethyl)-2-pyridinyl]-4-piperidinyl]oxy]- (CA INDEX NAME)



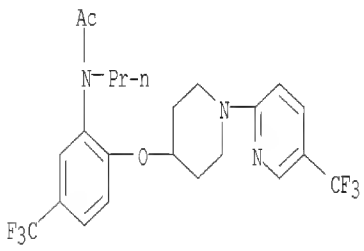
RN 866616-61-7 CAPLUS
CN Benzenamine, N-propyl-5-(trifluoromethyl)-2-[[1-[5-(trifluoromethyl)-2-pyridinyl]-4-piperidinyl]oxy]- (CA INDEX NAME)



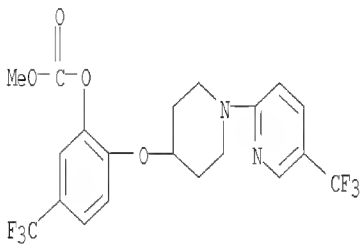
RN 866616-62-8 CAPLUS
CN Benzenamine, N,N-dipropyl-5-(trifluoromethyl)-2-[[1-[5-(trifluoromethyl)-2-pyridinyl]-4-piperidinyl]oxy]- (CA INDEX NAME)



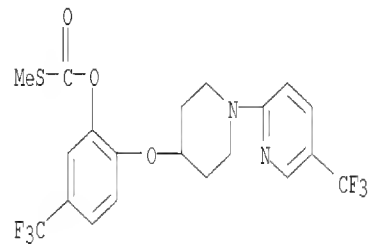
RN 866616-63-9 CAPLUS
CN Acetamide, N-propyl-N-[5-(trifluoromethyl)-2-[[1-[5-(trifluoromethyl)-2-pyridinyl]-4-piperidinyl]oxy]phenyl]- (CA INDEX NAME)



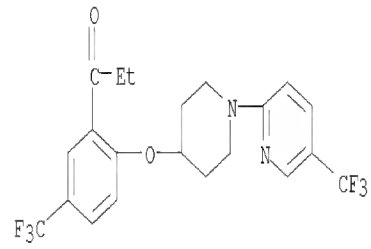
RN 866616-64-0 CAPLUS
CN Carbonic acid, methyl 5-(trifluoromethyl)-2-[[1-[5-(trifluoromethyl)-2-pyridinyl]-4-piperidinyl]oxy]phenyl ester (9CI) (CA INDEX NAME)



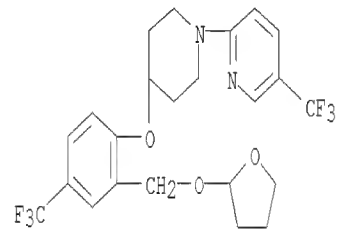
RN 866616-65-1 CAPLUS
CN Carbonothioic acid, S-methyl O-[5-(trifluoromethyl)-2-[[1-[5-(trifluoromethyl)-2-pyridinyl]-4-piperidinyl]oxy]phenyl] ester (CA INDEX NAME)



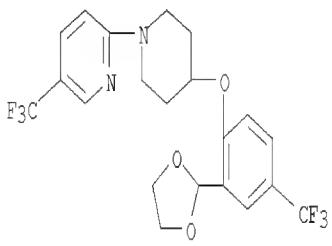
RN 866616-66-2 CAPLUS
CN 1-Propanone, 1-[5-(trifluoromethyl)-2-[[1-[5-(trifluoromethyl)-2-pyridinyl]-4-piperidinyl]oxy]phenyl]- (CA INDEX NAME)



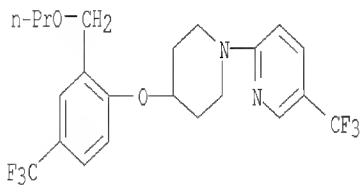
RN 866616-67-3 CAPLUS
CN Pyridine, 2-[4-[2-[[(tetrahydro-2-furanyl)oxy]methyl]-4-(trifluoromethyl)phenoxy]-1-piperidinyl]-5-(trifluoromethyl)- (CA INDEX NAME)



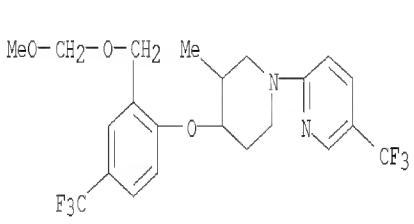
RN 866616-68-4 CAPLUS
CN Pyridine, 2-[4-[2-(1,3-dioxolan-2-yl)-4-(trifluoromethyl)phenoxy]-1-piperidinyl]-5-(trifluoromethyl)- (CA INDEX NAME)



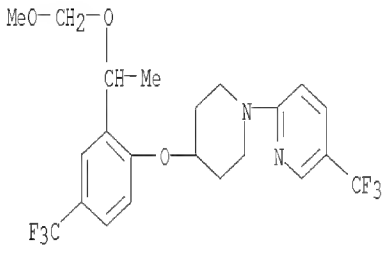
RN 866616-69-5 CAPLUS
CN Pyridine, 2-[4-[2-(propoxymethyl)-4-(trifluoromethyl)phenoxy]-1-piperidinyl]-5-(trifluoromethyl)- (CA INDEX NAME)



RN 866616-70-8 CAPLUS
CN Pyridine, 2-[4-[2-[(methoxymethoxy)methyl]-4-(trifluoromethyl)phenoxy]-3-methyl-1-piperidinyl]-5-(trifluoromethyl)- (CA INDEX NAME)

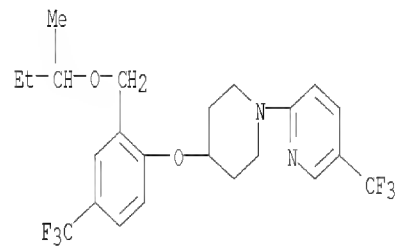


RN 866616-71-9 CAPLUS
CN Pyridine, 2-[4-[2-[1-(methoxymethoxy)ethyl]-4-(trifluoromethyl)phenoxy]-1-piperidinyl]-5-(trifluoromethyl)- (CA INDEX NAME)



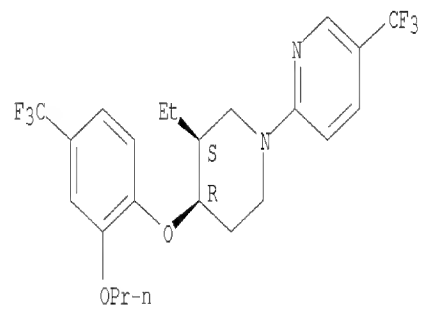
RN 866616-72-0 CAPLUS

CN Pyridine, 2-[4-[2-[(1-methylpropoxy)methyl]-4-(trifluoromethyl)phenoxy]-1-piperidinyl]-5-(trifluoromethyl)- (CA INDEX NAME)



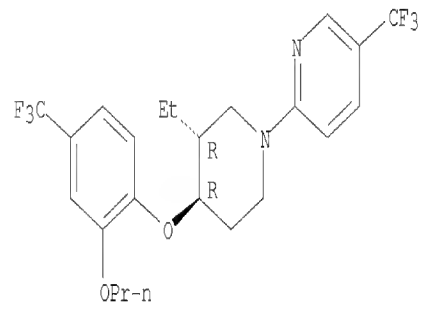
RN 866616-73-1 CAPLUS
CN Pyridine, 2-[(3R,4S)-3-ethyl-4-[2-propoxy-4-(trifluoromethyl)phenoxy]-1-piperidinyl]-5-(trifluoromethyl)-, rel- (CA INDEX NAME)

Relative stereochemistry.



RN 866616-74-2 CAPLUS
CN Pyridine, 2-[(3R,4R)-3-ethyl-4-[2-propoxy-4-(trifluoromethyl)phenoxy]-1-piperidinyl]-5-(trifluoromethyl)-, rel- (CA INDEX NAME)

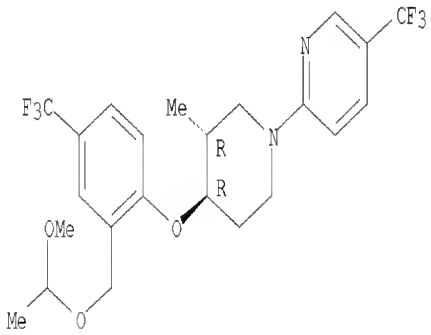
Relative stereochemistry.



RN 866616-75-3 CAPLUS
CN Pyridine, 2-[(3R,4R)-4-[2-[(1-methoxyethoxy)methyl]-4-(trifluoromethyl)phenoxy]-3-methyl-1-piperidinyl]-5-(trifluoromethyl)-,

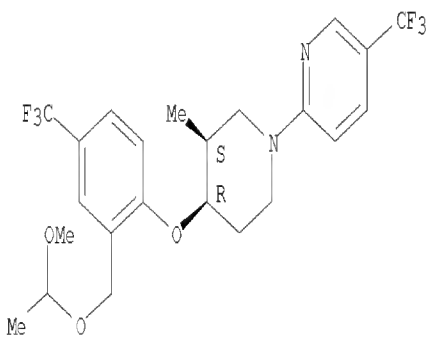
rel- (CA INDEX NAME)

Relative stereochemistry.

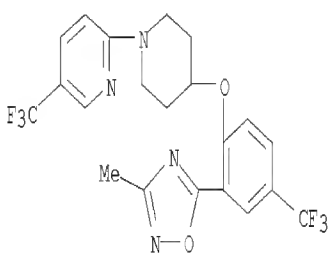


RN 866616-76-4 CAPLUS
CN Pyridine, 2-[(3R,4S)-4-[2-[(1-methoxyethoxy)methyl]-4-(trifluoromethyl)phenoxy]-3-methyl-1-piperidinyl]-5-(trifluoromethyl)-, rel- (CA INDEX NAME)

Relative stereochemistry.

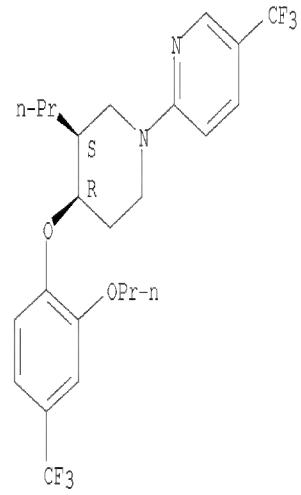


RN 866616-77-5 CAPLUS
CN Pyridine, 2-[4-[2-(3-methyl-1,2,4-oxadiazol-5-yl)-4-(trifluoromethyl)phenoxy]-1-piperidinyl]-5-(trifluoromethyl)- (CA INDEX NAME)



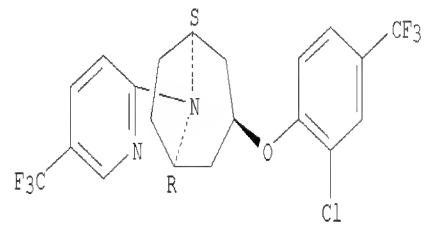
RN 866616-78-6 CAPLUS
CN Pyridine, 2-[(3R,4S)-4-[2-propoxy-4-(trifluoromethyl)phenoxy]-3-propyl-1-piperidinyl]-5-(trifluoromethyl)-, rel- (CA INDEX NAME)

Relative stereochemistry.



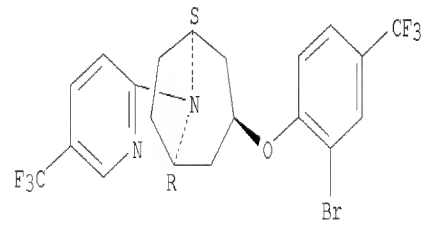
RN 866616-79-7 CAPLUS
CN 8-Azabicyclo[3.2.1]octane, 3-[2-chloro-4-(trifluoromethyl)phenoxy]-8-[5-(trifluoromethyl)-2-pyridinyl]-, (3-endo)- (CA INDEX NAME)

Relative stereochemistry.



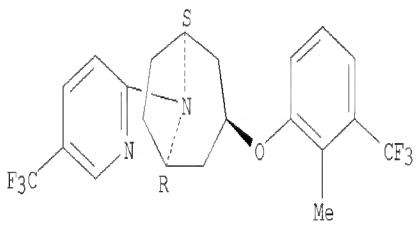
RN 866616-80-0 CAPLUS
CN 8-Azabicyclo[3.2.1]octane, 3-[2-bromo-4-(trifluoromethyl)phenoxy]-8-[5-(trifluoromethyl)-2-pyridinyl]-, (3-endo)- (CA INDEX NAME)

Relative stereochemistry.



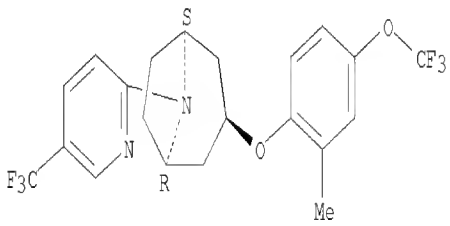
RN 866616-81-1 CAPLUS
CN 8-Azabicyclo[3.2.1]octane, 3-[2-methyl-3-(trifluoromethyl)phenoxy]-8-[5-(trifluoromethyl)-2-pyridinyl]-, (3-endo)- (CA INDEX NAME)

Relative stereochemistry.



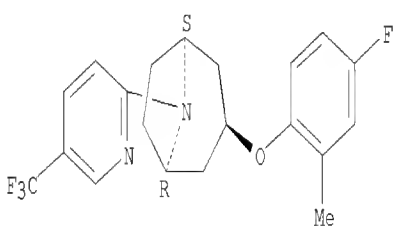
RN 866616-82-2 CAPLUS
CN 8-Azabicyclo[3.2.1]octane, 3-[2-methyl-4-(trifluoromethoxy)phenoxy]-8-[5-(trifluoromethyl)-2-pyridinyl]-, (3-endo)- (CA INDEX NAME)

Relative stereochemistry.



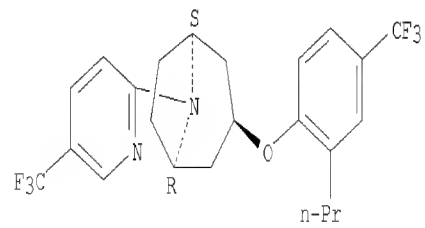
RN 866616-83-3 CAPLUS
CN 8-Azabicyclo[3.2.1]octane, 3-(4-fluoro-2-methylphenoxy)-8-[5-(trifluoromethyl)-2-pyridinyl]-, (3-endo)- (CA INDEX NAME)

Relative stereochemistry.



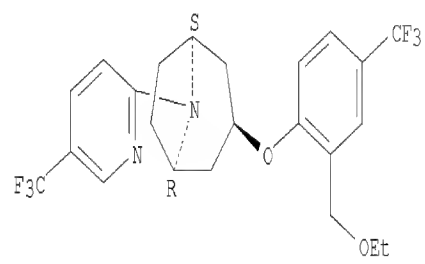
RN 866616-84-4 CAPLUS
CN 8-Azabicyclo[3.2.1]octane, 3-[2-propyl-4-(trifluoromethyl)phenoxy]-8-[5-(trifluoromethyl)-2-pyridinyl]-, (3-endo)- (CA INDEX NAME)

Relative stereochemistry.



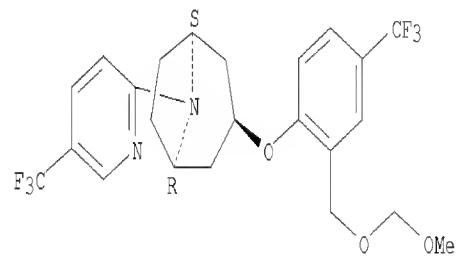
RN 866616-85-5 CAPLUS
CN 8-Azabicyclo[3.2.1]octane, 3-[2-(ethoxymethyl)-4-(trifluoromethyl)phenoxy]-8-[5-(trifluoromethyl)-2-pyridinyl]-, (3-endo)- (CA INDEX NAME)

Relative stereochemistry.



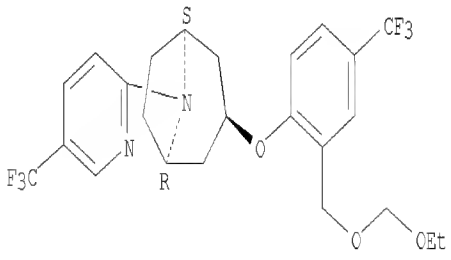
RN 866616-86-6 CAPLUS
CN 8-Azabicyclo[3.2.1]octane, 3-[2-[(methoxymethoxy)methyl]-4-(trifluoromethyl)phenoxy]-8-[5-(trifluoromethyl)-2-pyridinyl]-, (3-endo)- (CA INDEX NAME)

Relative stereochemistry.



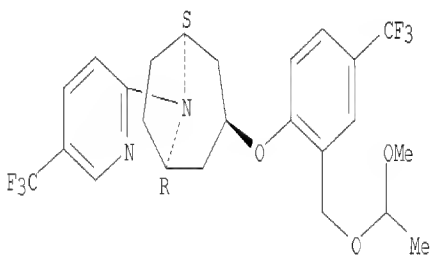
RN 866616-87-7 CAPLUS
CN 8-Azabicyclo[3.2.1]octane, 3-[2-[(ethoxymethoxy)methyl]-4-(trifluoromethyl)phenoxy]-8-[5-(trifluoromethyl)-2-pyridinyl]-, (3-endo)- (CA INDEX NAME)

Relative stereochemistry.



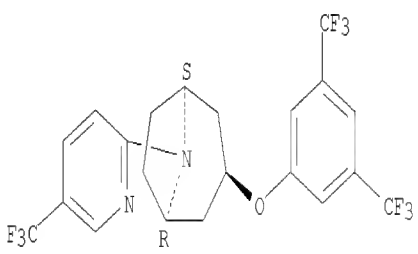
RN 866616-88-8 CAPLUS
CN 8-Azabicyclo[3.2.1]octane, 3-[2-[(1-methoxyethoxy)methyl]-4-(trifluoromethyl)phenoxy]-8-[5-(trifluoromethyl)-2-pyridinyl]-, (3-endo)- (CA INDEX NAME)

Relative stereochemistry.



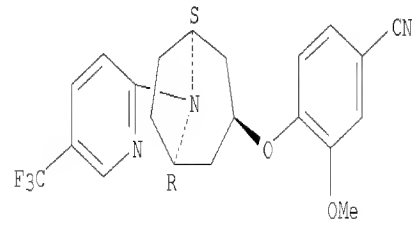
RN 866616-89-9 CAPLUS
CN 8-Azabicyclo[3.2.1]octane, 3-[3,5-bis(trifluoromethyl)phenoxy]-8-[5-(trifluoromethyl)-2-pyridinyl]-, (3-endo)- (CA INDEX NAME)

Relative stereochemistry.



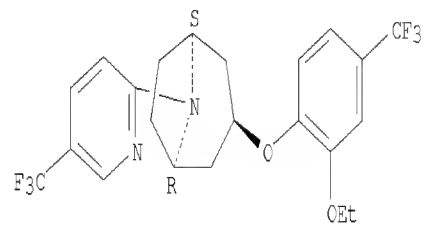
RN 866616-90-2 CAPLUS
CN Benzonitrile, 3-methoxy-4-[[(3-endo)-8-[5-(trifluoromethyl)-2-pyridinyl]-8-azabicyclo[3.2.1]oct-3-yl]oxy]- (CA INDEX NAME)

Relative stereochemistry.



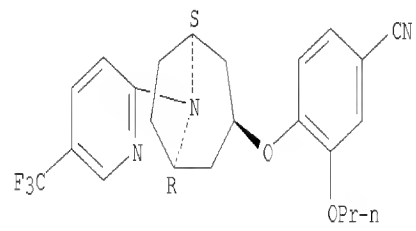
RN 866616-91-3 CAPLUS
CN 8-Azabicyclo[3.2.1]octane, 3-[2-ethoxy-4-(trifluoromethyl)phenoxy]-8-[5-(trifluoromethyl)-2-pyridinyl]-, (3-endo)- (CA INDEX NAME)

Relative stereochemistry.



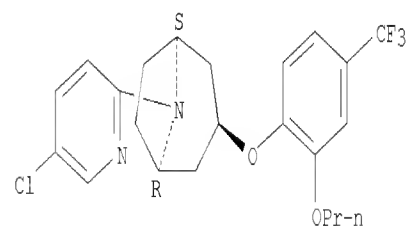
RN 866616-92-4 CAPLUS
CN Benzonitrile, 3-propoxy-4-[[(3-endo)-8-[5-(trifluoromethyl)-2-pyridinyl]-8-azabicyclo[3.2.1]oct-3-yl]oxy]- (CA INDEX NAME)

Relative stereochemistry.



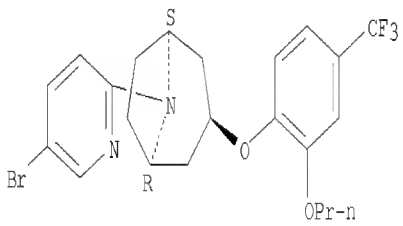
RN 866616-93-5 CAPLUS
CN 8-Azabicyclo[3.2.1]octane, 8-(5-chloro-2-pyridinyl)-3-[2-propoxy-4-(trifluoromethyl)phenoxy]-, (3-endo)- (CA INDEX NAME)

Relative stereochemistry.



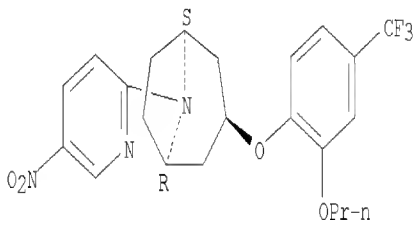
RN 866616-94-6 CAPLUS
CN 8-Azabicyclo[3.2.1]octane, 8-(5-bromo-2-pyridinyl)-3-[2-propoxy-4-(trifluoromethyl)phenoxy]-, (3-endo)- (CA INDEX NAME)

Relative stereochemistry.



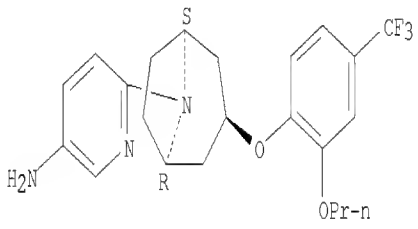
RN 866616-95-7 CAPLUS
CN 8-Azabicyclo[3.2.1]octane, 8-(5-nitro-2-pyridinyl)-3-[2-propoxy-4-(trifluoromethyl)phenoxy]-, (3-endo)- (CA INDEX NAME)

Relative stereochemistry.



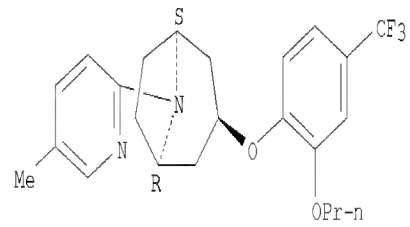
RN 866616-96-8 CAPLUS
CN 3-Pyridinamine, 6-[(3-endo)-3-[2-propoxy-4-(trifluoromethyl)phenoxy]-8-azabicyclo[3.2.1]oct-8-yl]- (CA INDEX NAME)

Relative stereochemistry.



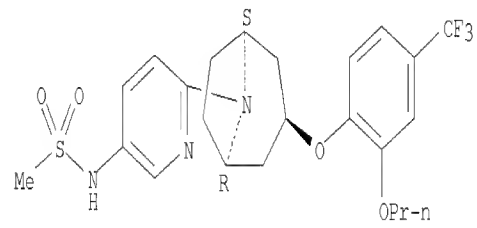
RN 866616-97-9 CAPLUS
CN 8-Azabicyclo[3.2.1]octane, 8-(5-methyl-2-pyridinyl)-3-[2-propoxy-4-(trifluoromethyl)phenoxy]-, (3-endo)- (CA INDEX NAME)

Relative stereochemistry.



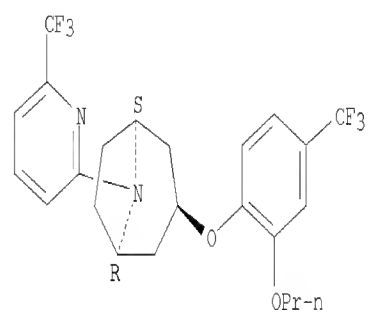
RN 866616-98-0 CAPLUS
CN Methanesulfonamide, N-[6-[(3-endo)-3-[2-propoxy-4-(trifluoromethyl)phenoxy]-8-azabicyclo[3.2.1]oct-8-yl]-3-pyridinyl]- (CA INDEX NAME)

Relative stereochemistry.



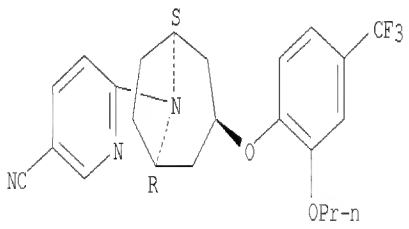
RN 866616-99-1 CAPLUS
CN 8-Azabicyclo[3.2.1]octane, 3-[2-propoxy-4-(trifluoromethyl)phenoxy]-8-[6-(trifluoromethyl)-2-pyridinyl]-, (3-endo)- (CA INDEX NAME)

Relative stereochemistry.



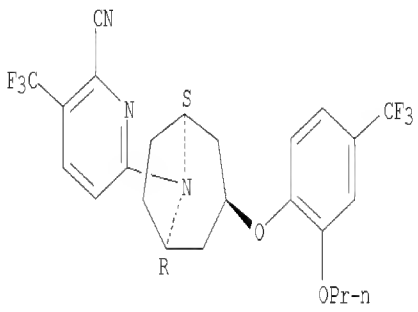
RN 866617-00-7 CAPLUS
CN 3-Pyridinecarbonitrile, 6-[(3-endo)-3-[2-propoxy-4-(trifluoromethyl)phenoxy]-8-azabicyclo[3.2.1]oct-8-yl]- (CA INDEX NAME)

Relative stereochemistry.



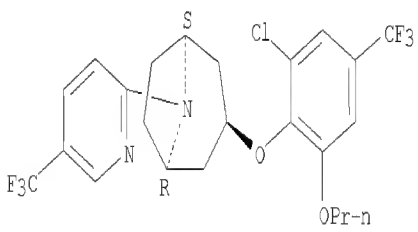
RN 866617-01-8 CAPLUS
CN 2-Pyridinecarbonitrile, 6-[(3-endo)-3-[2-propoxy-4-(trifluoromethyl)phenoxy]-8-azabicyclo[3.2.1]oct-8-yl]-3-(trifluoromethyl)- (CA INDEX NAME)

Relative stereochemistry.



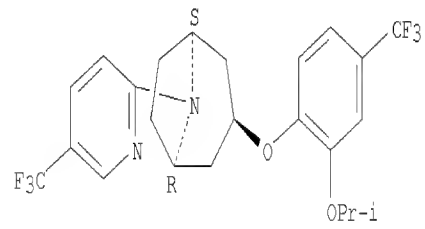
RN 866617-02-9 CAPLUS
CN 8-Azabicyclo[3.2.1]octane, 3-[2-chloro-6-propoxy-4-(trifluoromethyl)phenoxy]-8-[5-(trifluoromethyl)-2-pyridinyl]-, (3-endo)- (CA INDEX NAME)

Relative stereochemistry.



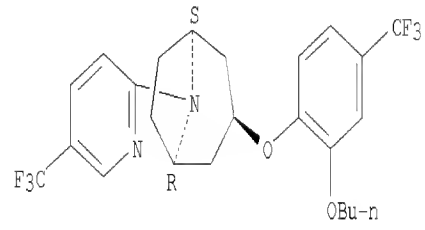
RN 866617-03-0 CAPLUS
CN 8-Azabicyclo[3.2.1]octane, 3-[2-(1-methylethoxy)-4-(trifluoromethyl)phenoxy]-8-[5-(trifluoromethyl)-2-pyridinyl]-, (3-endo)- (CA INDEX NAME)

Relative stereochemistry.



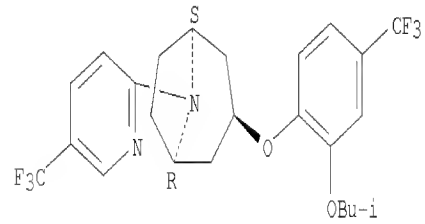
RN 866617-04-1 CAPLUS
CN 8-Azabicyclo[3.2.1]octane, 3-[2-butoxy-4-(trifluoromethyl)phenoxy]-8-[5-(trifluoromethyl)-2-pyridinyl]-, (3-endo)- (CA INDEX NAME)

Relative stereochemistry.



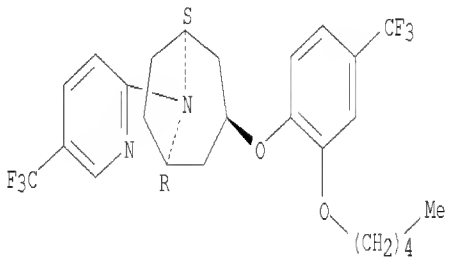
RN 866617-05-2 CAPLUS
CN 8-Azabicyclo[3.2.1]octane, 3-[2-(2-methylpropoxy)-4-(trifluoromethyl)phenoxy]-8-[5-(trifluoromethyl)-2-pyridinyl]-, (3-endo)- (CA INDEX NAME)

Relative stereochemistry.



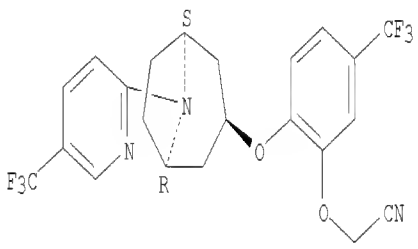
RN 866617-06-3 CAPLUS
CN 8-Azabicyclo[3.2.1]octane, 3-[2-(pentyloxy)-4-(trifluoromethyl)phenoxy]-8-[5-(trifluoromethyl)-2-pyridinyl]-, (3-endo)- (CA INDEX NAME)

Relative stereochemistry.



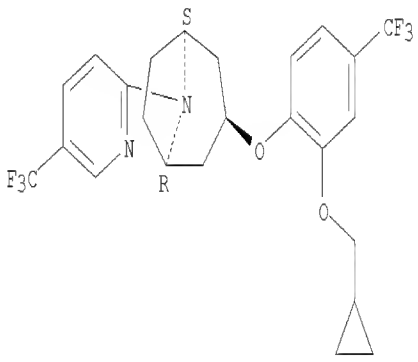
RN 866617-07-4 CAPLUS
CN Acetonitrile, [5-(trifluoromethyl)-2-[[(3-endo)-8-[5-(trifluoromethyl)-2-pyridinyl]-8-azabicyclo[3.2.1]oct-3-yl]oxy]phenoxy]- (9CI) (CA INDEX NAME)

Relative stereochemistry.



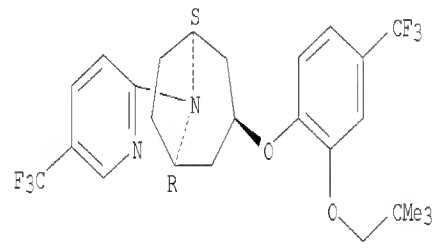
RN 866617-08-5 CAPLUS
CN 8-Azabicyclo[3.2.1]octane, 3-[2-(cyclopropylmethoxy)-4-(trifluoromethyl)phenoxy]-8-[5-(trifluoromethyl)-2-pyridinyl]-, (3-endo)- (CA INDEX NAME)

Relative stereochemistry.



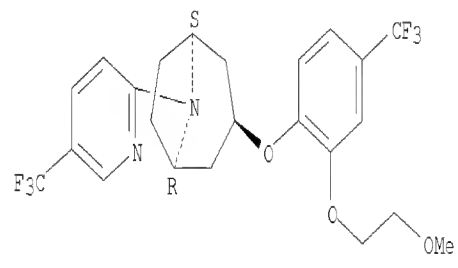
RN 866617-09-6 CAPLUS
CN 8-Azabicyclo[3.2.1]octane, 3-[2-(2,2-dimethylpropoxy)-4-(trifluoromethyl)phenoxy]-8-[5-(trifluoromethyl)-2-pyridinyl]-, (3-endo)- (CA INDEX NAME)

Relative stereochemistry.



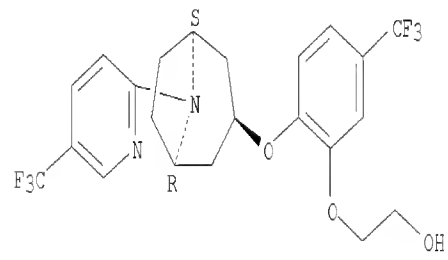
RN 866617-10-9 CAPLUS
CN 8-Azabicyclo[3.2.1]octane, 3-[2-(2-methoxyethoxy)-4-(trifluoromethyl)phenoxy]-8-[5-(trifluoromethyl)-2-pyridinyl]-, (3-endo)- (CA INDEX NAME)

Relative stereochemistry.



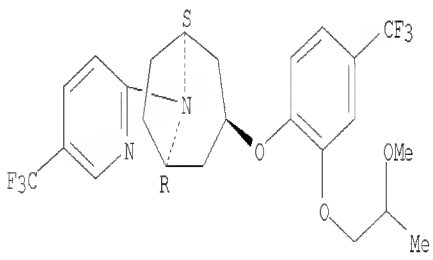
RN 866617-11-0 CAPLUS
CN Ethanol, 2-[5-(trifluoromethyl)-2-[[(3-endo)-8-[5-(trifluoromethyl)-2-pyridinyl]-8-azabicyclo[3.2.1]oct-3-yl]oxy]phenoxy]- (CA INDEX NAME)

Relative stereochemistry.



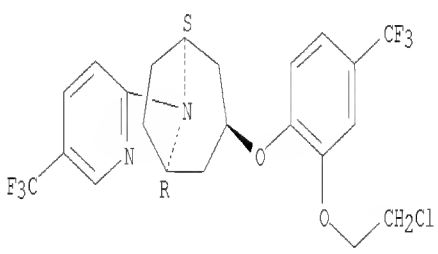
RN 866617-12-1 CAPLUS
CN 8-Azabicyclo[3.2.1]octane, 3-[2-(2-methoxypropoxy)-4-(trifluoromethyl)phenoxy]-8-[5-(trifluoromethyl)-2-pyridinyl]-, (3-endo)- (CA INDEX NAME)

Relative stereochemistry.



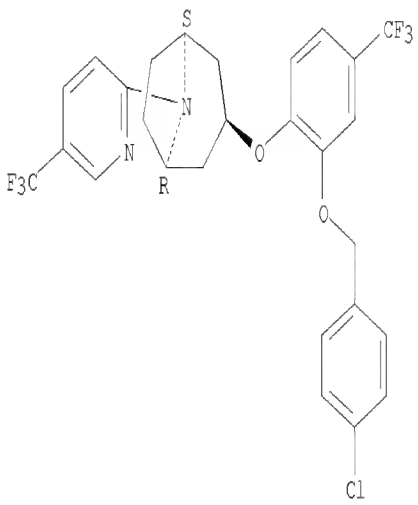
RN 866617-13-2 CAPLUS
CN 8-Azabicyclo[3.2.1]octane, 3-[2-(2-chloroethoxy)-4-(trifluoromethyl)phenoxy]-8-[5-(trifluoromethyl)-2-pyridinyl]-, (3-endo)-(CA INDEX NAME)

Relative stereochemistry.



RN 866617-14-3 CAPLUS
CN 8-Azabicyclo[3.2.1]octane, 3-[2-[(4-chlorophenyl)methoxy]-4-(trifluoromethyl)phenoxy]-8-[5-(trifluoromethyl)-2-pyridinyl]-, (3-endo)-(CA INDEX NAME)

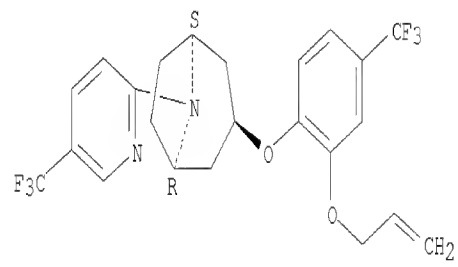
Relative stereochemistry.



RN 866617-15-4 CAPLUS

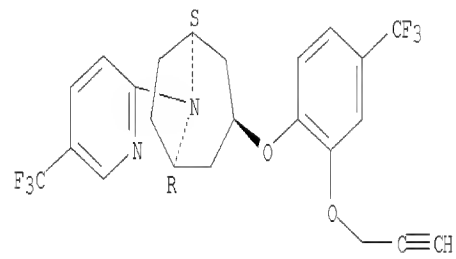
CN 8-Azabicyclo[3.2.1]octane, 3-[2-(2-propenyloxy)-4-(trifluoromethyl)phenoxy]-8-[5-(trifluoromethyl)-2-pyridinyl]-, (3-endo)-(9CI) (CA INDEX NAME)

Relative stereochemistry.



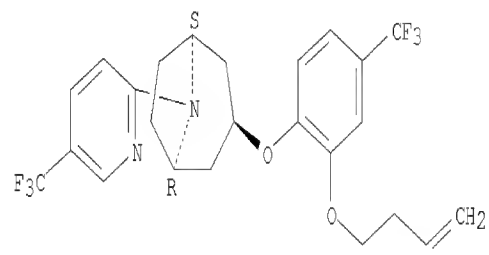
RN 866617-16-5 CAPLUS
CN 8-Azabicyclo[3.2.1]octane, 3-[2-(2-propynyloxy)-4-(trifluoromethyl)phenoxy]-8-[5-(trifluoromethyl)-2-pyridinyl]-, (3-endo)-(9CI) (CA INDEX NAME)

Relative stereochemistry.



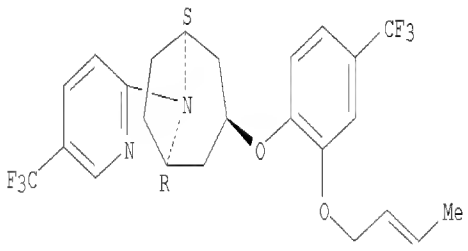
RN 866617-17-6 CAPLUS
CN 8-Azabicyclo[3.2.1]octane, 3-[2-(3-butenyloxy)-4-(trifluoromethyl)phenoxy]-8-[5-(trifluoromethyl)-2-pyridinyl]-, (3-endo)- (9CI) (CA INDEX NAME)

Relative stereochemistry.



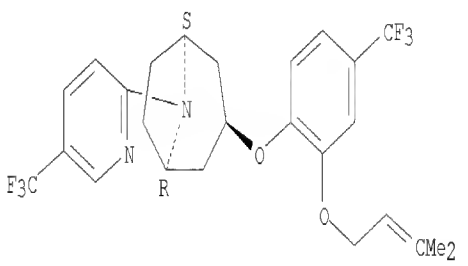
RN 866617-18-7 CAPLUS
CN 8-Azabicyclo[3.2.1]octane, 3-[2-(2-butenyloxy)-4-(trifluoromethyl)phenoxy]-8-[5-(trifluoromethyl)-2-pyridinyl]-, (3-endo)- (9CI) (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry unknown.



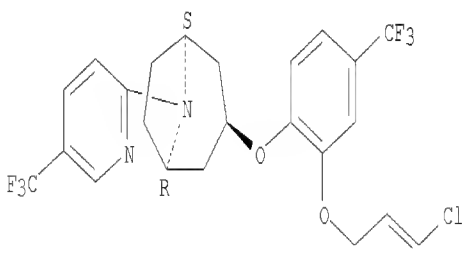
RN 866617-19-8 CAPLUS
CN 8-Azabicyclo[3.2.1]octane, 3-[2-[(3-methyl-2-butenyl)oxy]-4-(trifluoromethyl)phenoxy]-8-[5-(trifluoromethyl)-2-pyridinyl]-, (3-endo)-(9CI) (CA INDEX NAME)

Relative stereochemistry.



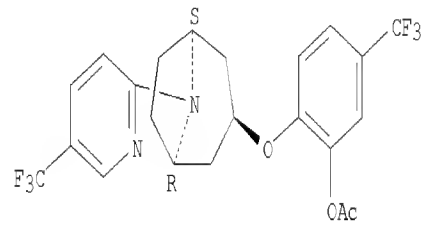
RN 866617-20-1 CAPLUS
CN 8-Azabicyclo[3.2.1]octane, 3-[2-[(3-chloro-2-propenyl)oxy]-4-(trifluoromethyl)phenoxy]-8-[5-(trifluoromethyl)-2-pyridinyl]-, (3-endo)-(9CI) (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry unknown.



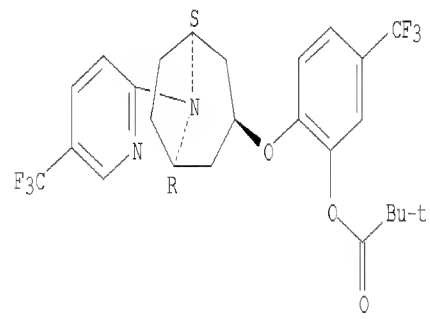
RN 866617-21-2 CAPLUS
CN Phenol, 5-(trifluoromethyl)-2-[[(3-endo)-8-[5-(trifluoromethyl)-2-pyridinyl]-8-azabicyclo[3.2.1]oct-3-yl]oxy]-, acetate (ester) (9CI) (CA INDEX NAME)

Relative stereochemistry.



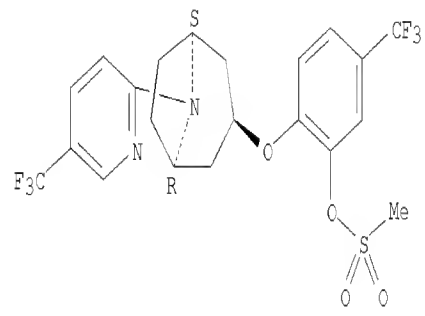
RN 866617-22-3 CAPLUS
CN Propanoic acid, 2,2-dimethyl-, 5-(trifluoromethyl)-2-[[(3-endo)-8-[5-(trifluoromethyl)-2-pyridinyl]-8-azabicyclo[3.2.1]oct-3-yl]oxy]phenyl ester (CA INDEX NAME)

Relative stereochemistry.



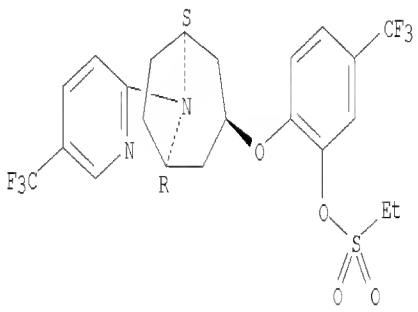
RN 866617-23-4 CAPLUS
CN Phenol, 5-(trifluoromethyl)-2-[[(3-endo)-8-[5-(trifluoromethyl)-2-pyridinyl]-8-azabicyclo[3.2.1]oct-3-yl]oxy]-, methanesulfonate (ester) (9CI) (CA INDEX NAME)

Relative stereochemistry.



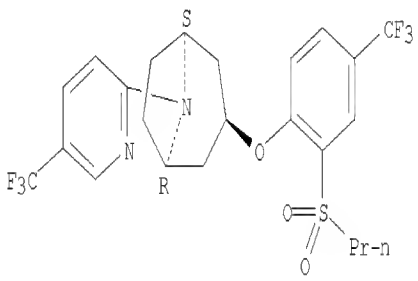
RN 866617-24-5 CAPLUS
CN Ethanesulfonic acid, 5-(trifluoromethyl)-2-[[(3-endo)-8-[5-(trifluoromethyl)-2-pyridinyl]-8-azabicyclo[3.2.1]oct-3-yl]oxy]phenyl ester (CA INDEX NAME)

Relative stereochemistry.



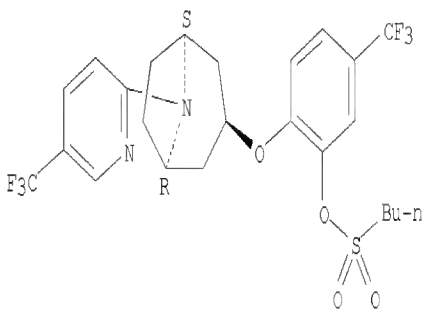
RN 866617-25-6 CAPLUS
CN 8-Azabicyclo[3.2.1]octane, 3-[2-(propylsulfonyl)-4-(trifluoromethyl)phenoxy]-8-[5-(trifluoromethyl)-2-pyridinyl]-, (3-endo)- (CA INDEX NAME)

Relative stereochemistry.



RN 866617-26-7 CAPLUS
CN 1-Butanesulfonic acid, 5-(trifluoromethyl)-2-[[(3-endo)-8-[5-(trifluoromethyl)-2-pyridinyl]-8-azabicyclo[3.2.1]oct-3-yl]oxy]phenyl ester (CA INDEX NAME)

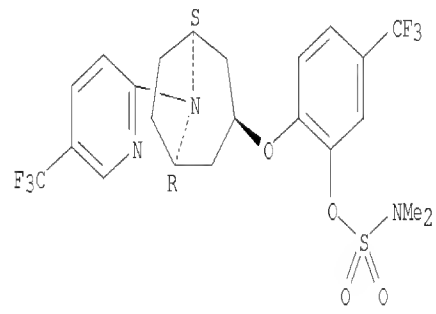
Relative stereochemistry.



RN 866617-27-8 CAPLUS

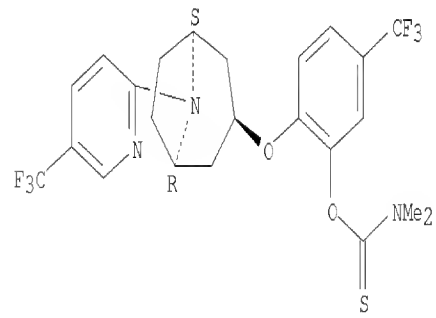
CN Sulfamic acid, dimethyl-, 5-(trifluoromethyl)-2-[[(3-endo)-8-[5-(trifluoromethyl)-2-pyridinyl]-8-azabicyclo[3.2.1]oct-3-yl]oxy]phenyl ester (9CI) (CA INDEX NAME)

Relative stereochemistry.



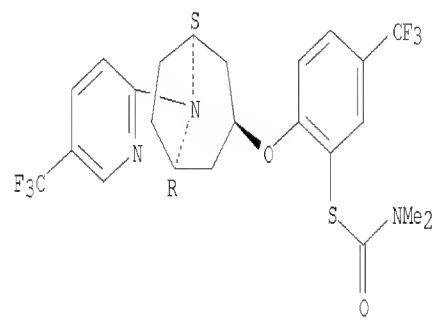
RN 866617-28-9 CAPLUS
CN Carbamothioic acid, dimethyl-, O-[5-(trifluoromethyl)-2-[[(3-endo)-8-[5-(trifluoromethyl)-2-pyridinyl]-8-azabicyclo[3.2.1]oct-3-yl]oxy]phenyl] ester (9CI) (CA INDEX NAME)

Relative stereochemistry.



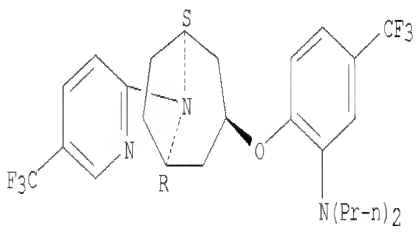
RN 866617-29-0 CAPLUS
CN Carbamothioic acid, dimethyl-, S-[5-(trifluoromethyl)-2-[[(3-endo)-8-[5-(trifluoromethyl)-2-pyridinyl]-8-azabicyclo[3.2.1]oct-3-yl]oxy]phenyl] ester (9CI) (CA INDEX NAME)

Relative stereochemistry.



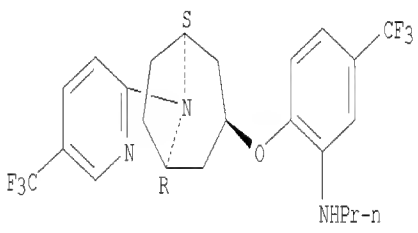
RN 866617-30-3 CAPLUS
CN Benzenamine, N,N-dipropyl-5-(trifluoromethyl)-2-[[(3-endo)-8-[5-(trifluoromethyl)-2-pyridinyl]-8-azabicyclo[3.2.1]oct-3-yl]oxy]- (CA INDEX NAME)

Relative stereochemistry.



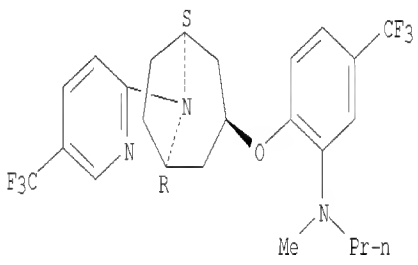
RN 866617-31-4 CAPLUS
CN Benzenamine, N-propyl-5-(trifluoromethyl)-2-[[(3-endo)-8-[5-(trifluoromethyl)-2-pyridinyl]-8-azabicyclo[3.2.1]oct-3-yl]oxy]- (CA INDEX NAME)

Relative stereochemistry.



RN 866617-32-5 CAPLUS
CN Benzenamine, N-methyl-N-propyl-5-(trifluoromethyl)-2-[[(3-endo)-8-[5-(trifluoromethyl)-2-pyridinyl]-8-azabicyclo[3.2.1]oct-3-yl]oxy]- (CA INDEX NAME)

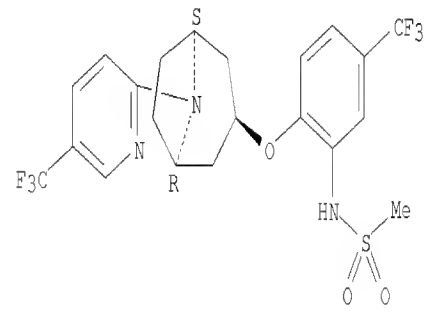
Relative stereochemistry.



RN 866617-33-6 CAPLUS
CN Methanesulfonamide, N-[5-(trifluoromethyl)-2-[[(3-endo)-8-[5-(trifluoromethyl)-2-pyridinyl]-8-azabicyclo[3.2.1]oct-3-yl]oxy]phenyl]-

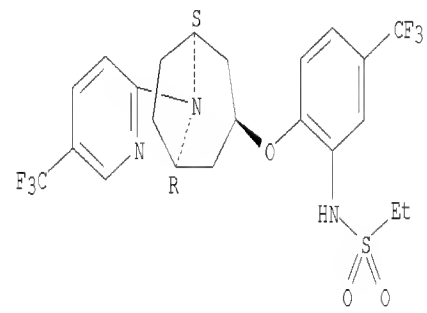
(CA INDEX NAME)

Relative stereochemistry.



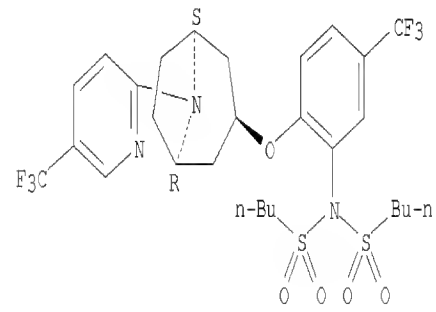
RN 866617-34-7 CAPLUS
CN Ethanesulfonamide, N-[5-(trifluoromethyl)-2-[[(3-endo)-8-[5-(trifluoromethyl)-2-pyridinyl]-8-azabicyclo[3.2.1]oct-3-yl]oxy]phenyl]-(CA INDEX NAME)

Relative stereochemistry.



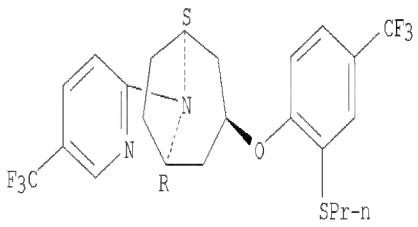
RN 866617-35-8 CAPLUS
CN 1-Butanesulfonamide, N-(butylsulfonyl)-N-[5-(trifluoromethyl)-2-[[(3-endo)-8-[5-(trifluoromethyl)-2-pyridinyl]-8-azabicyclo[3.2.1]oct-3-yl]oxy]phenyl]- (CA INDEX NAME)

Relative stereochemistry.



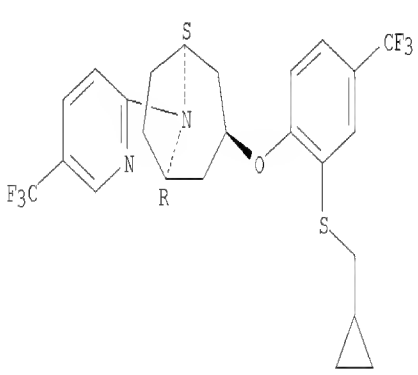
RN 866617-36-9 CAPLUS
CN 8-Azabicyclo[3.2.1]octane, 3-[2-(propylthio)-4-(trifluoromethyl)phenoxy]-8-[5-(trifluoromethyl)-2-pyridinyl]-, (3-endo)- (CA INDEX NAME)

Relative stereochemistry.



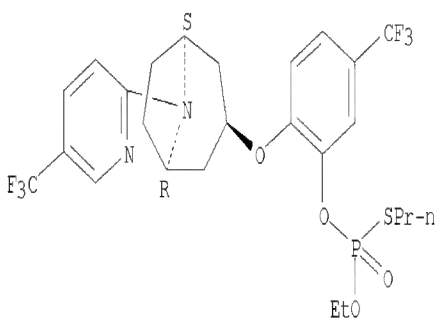
RN 866617-37-0 CAPLUS
CN 8-Azabicyclo[3.2.1]octane, 3-[2-[(cyclopropylmethyl)thio]-4-(trifluoromethyl)phenoxy]-8-[5-(trifluoromethyl)-2-pyridinyl]-, (3-endo)- (CA INDEX NAME)

Relative stereochemistry.



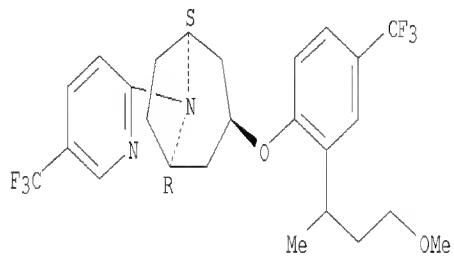
RN 866617-38-1 CAPLUS
CN Phosphorothioic acid, O-ethyl S-propyl O-[5-(trifluoromethyl)-2-[[(3-endo)-8-[5-(trifluoromethyl)-2-pyridinyl]-8-azabicyclo[3.2.1]oct-3-yl]oxy]phenyl] ester (CA INDEX NAME)

Relative stereochemistry.



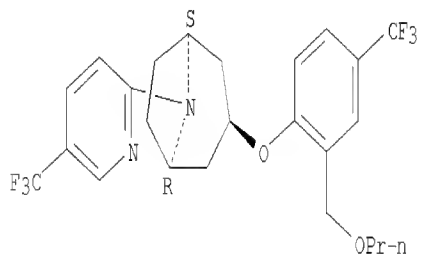
RN 866617-39-2 CAPLUS
CN 8-Azabicyclo[3.2.1]octane, 3-[2-(3-methoxy-1-methylpropyl)-4-(trifluoromethyl)phenoxy]-8-[5-(trifluoromethyl)-2-pyridinyl]-, (3-endo)- (CA INDEX NAME)

Relative stereochemistry.



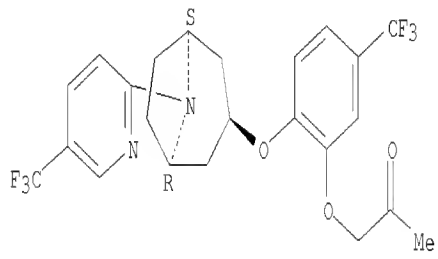
RN 866617-40-5 CAPLUS
CN 8-Azabicyclo[3.2.1]octane, 3-[2-(propoxymethyl)-4-(trifluoromethyl)phenoxy]-8-[5-(trifluoromethyl)-2-pyridinyl]-, (3-endo)- (CA INDEX NAME)

Relative stereochemistry.



RN 866617-41-6 CAPLUS
CN 2-Propanone, 1-[5-(trifluoromethyl)-2-[[(3-endo)-8-[5-(trifluoromethyl)-2-pyridinyl]-8-azabicyclo[3.2.1]oct-3-yl]oxy]phenoxy]- (CA INDEX NAME)

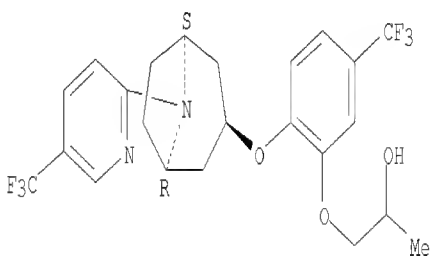
Relative stereochemistry.



RN 866617-42-7 CAPLUS
CN 2-Propanol, 1-[5-(trifluoromethyl)-2-[[(3-endo)-8-[5-(trifluoromethyl)-2-

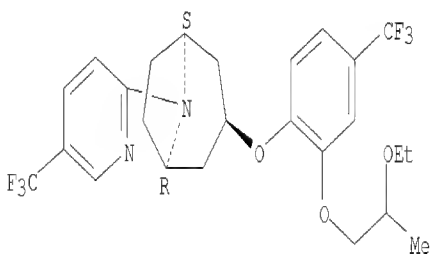
pyridinyl]-8-azabicyclo[3.2.1]oct-3-yl]oxy]phenoxy]- (CA INDEX NAME)

Relative stereochemistry.



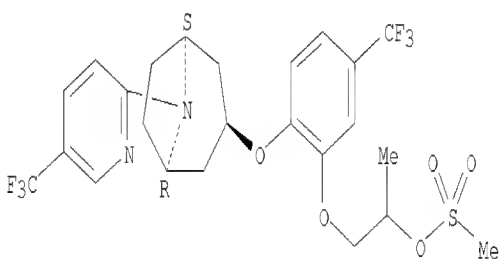
RN 866617-43-8 CAPLUS
CN 8-Azabicyclo[3.2.1]octane, 3-[2-(2-ethoxypropoxy)-4-(trifluoromethyl)phenoxy]-8-[5-(trifluoromethyl)-2-pyridinyl]-, (3-endo)- (CA INDEX NAME)

Relative stereochemistry.



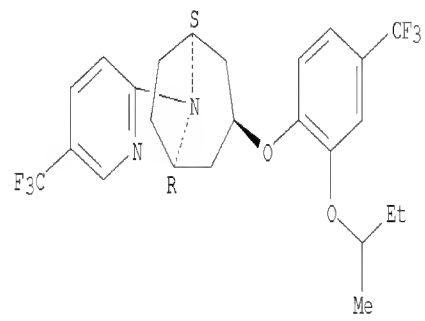
RN 866617-44-9 CAPLUS
CN 2-Propanol, 1-[5-(trifluoromethyl)-2-[[(3-endo)-8-[5-(trifluoromethyl)-2-pyridinyl]-8-azabicyclo[3.2.1]oct-3-yl]oxy]phenoxy]-, methanesulfonate (ester) (9CI) (CA INDEX NAME)

Relative stereochemistry.



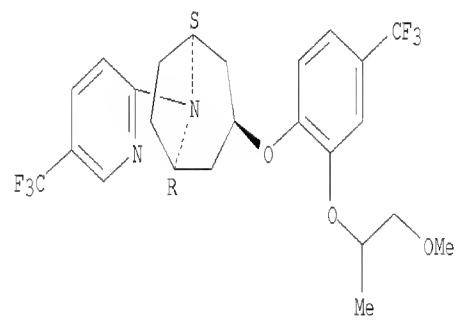
RN 866617-45-0 CAPLUS
CN 8-Azabicyclo[3.2.1]octane, 3-[2-(1-methylpropoxy)-4-(trifluoromethyl)phenoxy]-8-[5-(trifluoromethyl)-2-pyridinyl]-, (3-endo)- (CA INDEX NAME)

Relative stereochemistry.



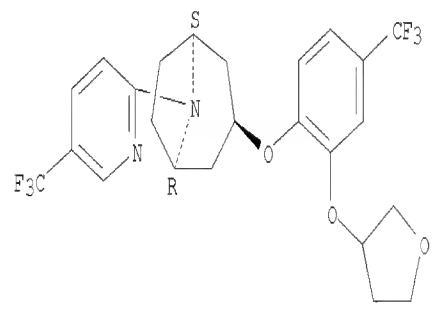
RN 866617-46-1 CAPLUS
CN 8-Azabicyclo[3.2.1]octane, 3-[2-(2-methoxy-1-methylethoxy)-4-(trifluoromethyl)phenoxy]-8-[5-(trifluoromethyl)-2-pyridinyl]-, (3-endo)- (CA INDEX NAME)

Relative stereochemistry.



RN 866617-47-2 CAPLUS
CN 8-Azabicyclo[3.2.1]octane, 3-[2-[(tetrahydro-3-furanyl)oxy]-4-(trifluoromethyl)phenoxy]-8-[5-(trifluoromethyl)-2-pyridinyl]-, (3-endo)- (CA INDEX NAME)

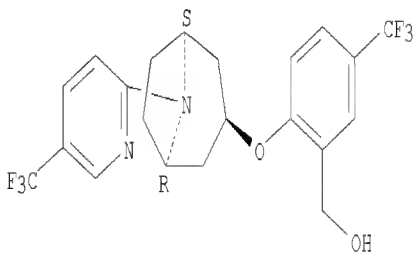
Relative stereochemistry.



RN 866617-48-3 CAPLUS

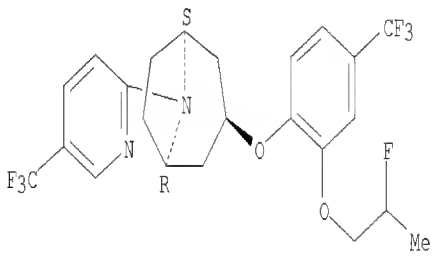
CN Benzenemethanol, 5-(trifluoromethyl)-2-[[(3-endo)-8-[5-(trifluoromethyl)-2-pyridinyl]-8-azabicyclo[3.2.1]oct-3-yl]oxy]- (CA INDEX NAME)

Relative stereochemistry.



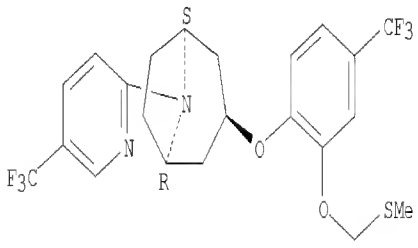
RN 866617-49-4 CAPLUS
CN 8-Azabicyclo[3.2.1]octane, 3-[2-(2-fluoropropoxy)-4-(trifluoromethyl)phenoxy]-8-[5-(trifluoromethyl)-2-pyridinyl]-, (3-endo)- (CA INDEX NAME)

Relative stereochemistry.



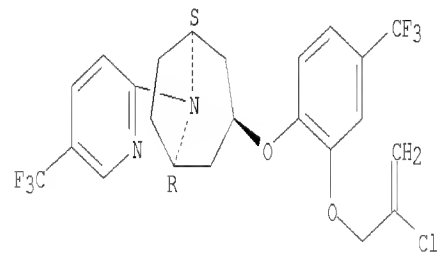
RN 866617-50-7 CAPLUS
CN 8-Azabicyclo[3.2.1]octane, 3-[2-[(methylthio)methoxy]-4-(trifluoromethyl)phenoxy]-8-[5-(trifluoromethyl)-2-pyridinyl]-, (3-endo)- (CA INDEX NAME)

Relative stereochemistry.



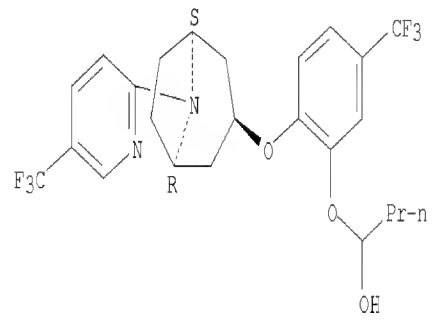
RN 866617-51-8 CAPLUS
CN 8-Azabicyclo[3.2.1]octane, 3-[2-[(2-chloro-2-propenyl)oxy]-4-(trifluoromethyl)phenoxy]-8-[5-(trifluoromethyl)-2-pyridinyl]-, (3-endo)- (9CI) (CA INDEX NAME)

Relative stereochemistry.



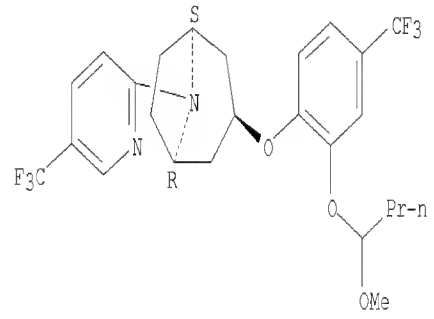
RN 866617-52-9 CAPLUS
CN 1-Butanol, 1-[5-(trifluoromethyl)-2-[[(3-endo)-8-[5-(trifluoromethyl)-2-pyridinyl]-8-azabicyclo[3.2.1]oct-3-yl]oxy]phenoxy]- (CA INDEX NAME)

Relative stereochemistry.



RN 866617-53-0 CAPLUS
CN 8-Azabicyclo[3.2.1]octane, 3-[2-(1-methoxybutoxy)-4-(trifluoromethyl)phenoxy]-8-[5-(trifluoromethyl)-2-pyridinyl]-, (3-endo)- (CA INDEX NAME)

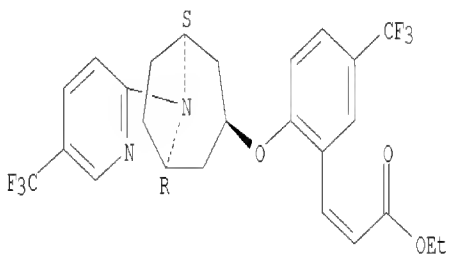
Relative stereochemistry.



RN 866617-54-1 CAPLUS
CN 2-Propenoic acid, 3-[5-(trifluoromethyl)-2-[[(3-endo)-8-[5-(trifluoromethyl)-2-pyridinyl]-8-azabicyclo[3.2.1]oct-3-yl]oxy]phenyl]-,

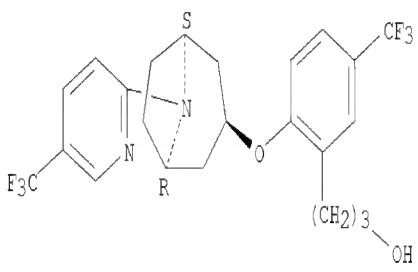
ethyl ester (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry unknown.



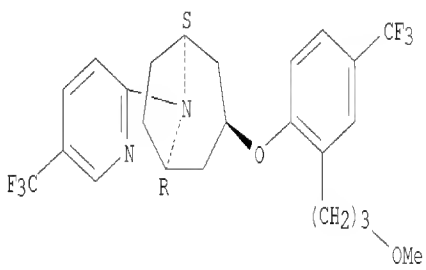
RN 866617-55-2 CAPLUS
CN Benzenepropanol, 5-(trifluoromethyl)-2-[[(3-endo)-8-[5-(trifluoromethyl)-2-pyridinyl]-8-azabicyclo[3.2.1]oct-3-yl]oxy]- (CA INDEX NAME)

Relative stereochemistry.



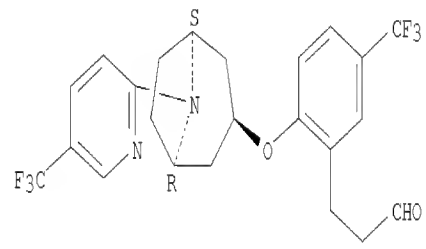
RN 866617-56-3 CAPLUS
CN 8-Azabicyclo[3.2.1]octane, 3-[2-(3-methoxypropyl)-4-(trifluoromethyl)phenoxy]-8-[5-(trifluoromethyl)-2-pyridinyl]-, (3-endo)- (CA INDEX NAME)

Relative stereochemistry.



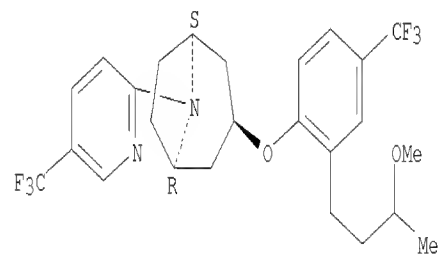
RN 866617-57-4 CAPLUS
CN Benzenepropanal, 5-(trifluoromethyl)-2-[[(3-endo)-8-[5-(trifluoromethyl)-2-pyridinyl]-8-azabicyclo[3.2.1]oct-3-yl]oxy]- (CA INDEX NAME)

Relative stereochemistry.



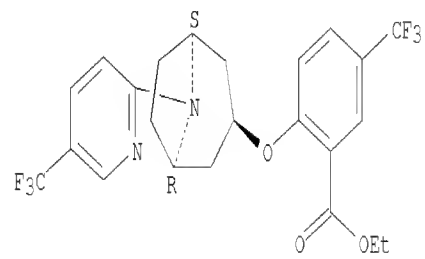
RN 866617-58-5 CAPLUS
CN 8-Azabicyclo[3.2.1]octane, 3-[2-(3-methoxybutyl)-4-(trifluoromethyl)phenoxy]-8-[5-(trifluoromethyl)-2-pyridinyl]-, (3-endo)- (CA INDEX NAME)

Relative stereochemistry.



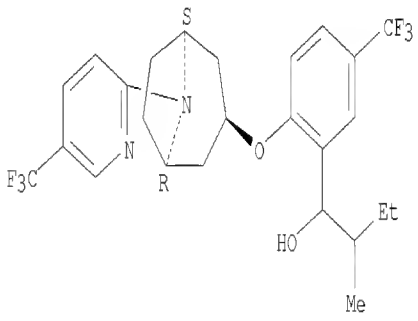
RN 866617-59-6 CAPLUS
CN Benzoic acid, 5-(trifluoromethyl)-2-[[(3-endo)-8-[5-(trifluoromethyl)-2-pyridinyl]-8-azabicyclo[3.2.1]oct-3-yl]oxy]-, ethyl ester (CA INDEX NAME)

Relative stereochemistry.



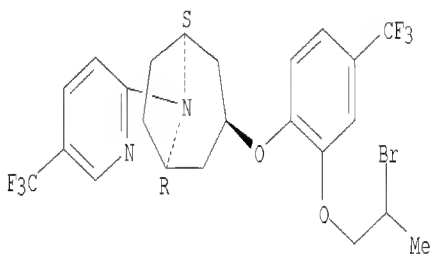
RN 866617-60-9 CAPLUS
CN Benzenemethanol, α-(1-methylpropyl)-5-(trifluoromethyl)-2-[[(3-endo)-8-[5-(trifluoromethyl)-2-pyridinyl]-8-azabicyclo[3.2.1]oct-3-yl]oxy]- (CA INDEX NAME)

Relative stereochemistry.



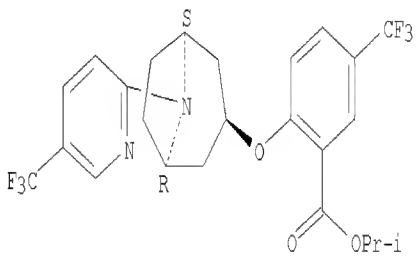
RN 866617-61-0 CAPLUS
CN 8-Azabicyclo[3.2.1]octane, 3-[2-(2-bromopropoxy)-4-(trifluoromethyl)phenoxy]-8-[5-(trifluoromethyl)-2-pyridinyl]-, (3-endo)-(CA INDEX NAME)

Relative stereochemistry.



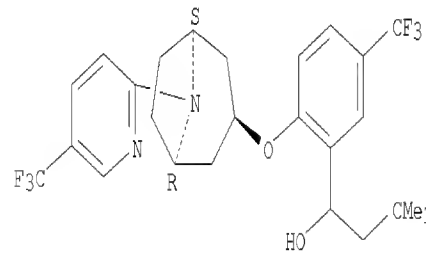
RN 866617-62-1 CAPLUS
CN Benzoic acid, 5-(trifluoromethyl)-2-[[(3-endo)-8-[5-(trifluoromethyl)-2-pyridinyl]-8-azabicyclo[3.2.1]oct-3-yl]oxy]-, 1-methylethyl ester (CA INDEX NAME)

Relative stereochemistry.



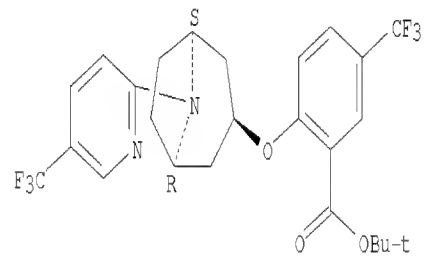
RN 866617-63-2 CAPLUS
CN Benzenemethanol, α-(2,2-dimethylpropyl)-5-(trifluoromethyl)-2-[[(3-endo)-8-[5-(trifluoromethyl)-2-pyridinyl]-8-azabicyclo[3.2.1]oct-3-yl]oxy]- (CA INDEX NAME)

Relative stereochemistry.



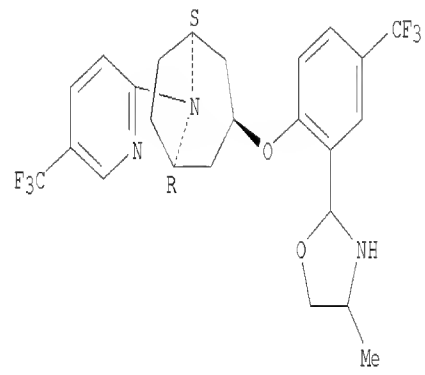
RN 866617-64-3 CAPLUS
CN Benzoic acid, 5-(trifluoromethyl)-2-[[(3-endo)-8-[5-(trifluoromethyl)-2-pyridinyl]-8-azabicyclo[3.2.1]oct-3-yl]oxy]-, 1,1-dimethylethyl ester (CA INDEX NAME)

Relative stereochemistry.



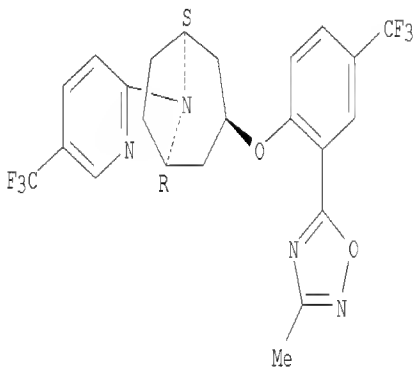
RN 866617-65-4 CAPLUS
CN 8-Azabicyclo[3.2.1]octane, 3-[2-(4-methyl-2-oxazolidinyl)-4-(trifluoromethyl)phenoxy]-8-[5-(trifluoromethyl)-2-pyridinyl]-, (3-endo)-(CA INDEX NAME)

Relative stereochemistry.



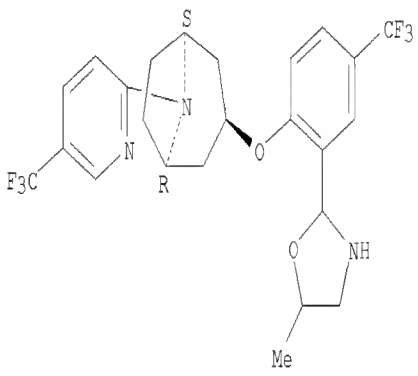
RN 866617-66-5 CAPLUS
CN 8-Azabicyclo[3.2.1]octane, 3-[2-(3-methyl-1,2,4-oxadiazol-5-yl)-4-(trifluoromethyl)phenoxy]-8-[5-(trifluoromethyl)-2-pyridinyl]-, (3-endo)-(CA INDEX NAME)

Relative stereochemistry.



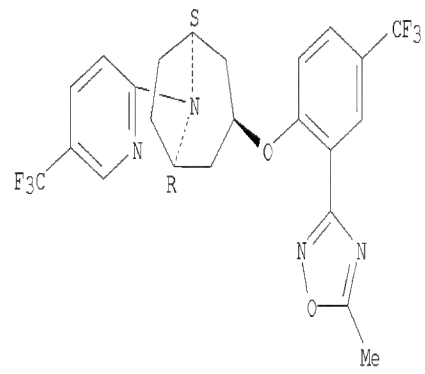
RN 866617-67-6 CAPLUS
CN 8-Azabicyclo[3.2.1]octane, 3-[2-(5-methyl-2-oxazolidinyl)-4-(trifluoromethyl)phenoxy]-8-[5-(trifluoromethyl)-2-pyridinyl]-, (3-endo)-(CA INDEX NAME)

Relative stereochemistry.



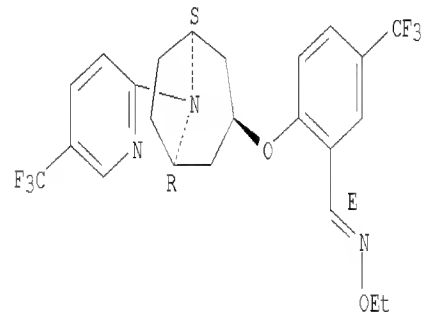
RN 866617-68-7 CAPLUS
CN 8-Azabicyclo[3.2.1]octane, 3-[2-(5-methyl-1,2,4-oxadiazol-3-yl)-4-(trifluoromethyl)phenoxy]-8-[5-(trifluoromethyl)-2-pyridinyl]-, (3-endo)-(CA INDEX NAME)

Relative stereochemistry.



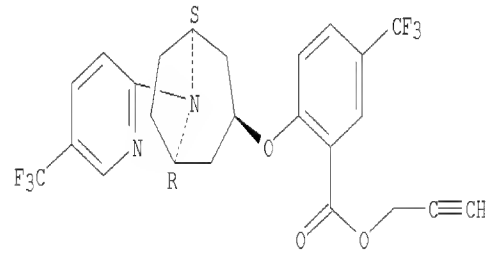
RN 866617-69-8 CAPLUS
CN Benzaldehyde, 5-(trifluoromethyl)-2-[[(3-endo)-8-[5-(trifluoromethyl)-2-pyridinyl]-8-azabicyclo[3.2.1]oct-3-yl]oxy]-, O-ethyloxime, stereoisomer (9CI) (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry as shown.



RN 866617-70-1 CAPLUS
CN Benzoic acid, 5-(trifluoromethyl)-2-[[(3-endo)-8-[5-(trifluoromethyl)-2-pyridinyl]-8-azabicyclo[3.2.1]oct-3-yl]oxy]-, 2-propynyl ester (9CI) (CA INDEX NAME)

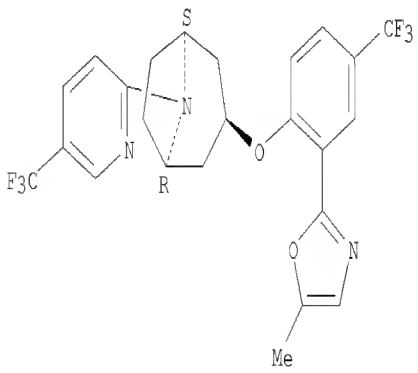
Relative stereochemistry.



RN 866617-71-2 CAPLUS
CN 8-Azabicyclo[3.2.1]octane, 3-[2-(5-methyl-2-oxazolyl)-4-

(trifluoromethyl)phenoxy]-8-[5-(trifluoromethyl)-2-pyridinyl]-, (3-endo)-
(CA INDEX NAME)

Relative stereochemistry.

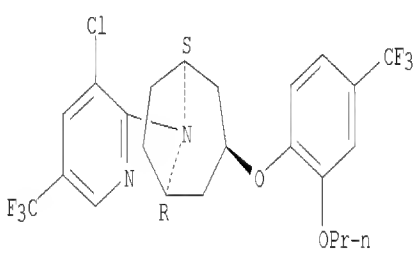


RN 866617-72-3 CAPLUS
CN Benzoic acid, 5-(trifluoromethyl)-2-[[(3-endo)-8-[5-(trifluoromethyl)-2-pyridinyl]-8-azabicyclo[3.2.1]oct-3-yl]oxy]-, 1-methyl-2-propynyl ester (9CI) (CA INDEX NAME)

Relative stereochemistry.

RN 866617-73-4 CAPLUS
CN 8-Azabicyclo[3.2.1]octane, 8-[3-chloro-5-(trifluoromethyl)-2-pyridinyl]-3-[2-propoxy-4-(trifluoromethyl)phenoxy]-, (3-endo)- (CA INDEX NAME)

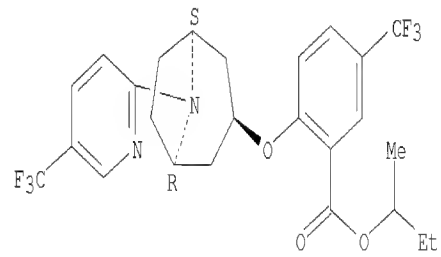
Relative stereochemistry.



RN 866617-74-5 CAPLUS

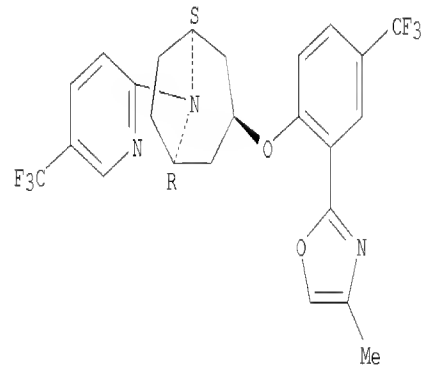
CN Benzoic acid, 5-(trifluoromethyl)-2-[[(3-endo)-8-[5-(trifluoromethyl)-2-pyridinyl]-8-azabicyclo[3.2.1]oct-3-yl]oxy]-, 1-methylpropyl ester (CA INDEX NAME)

Relative stereochemistry.



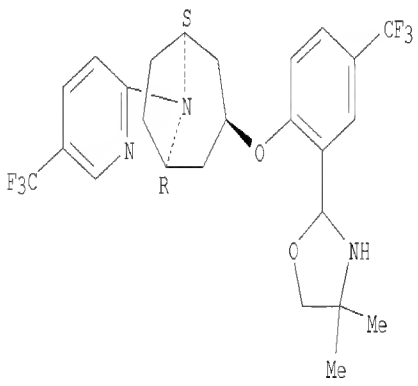
RN 866617-75-6 CAPLUS
CN 8-Azabicyclo[3.2.1]octane, 3-[2-(4-methyl-2-oxazolyl)-4-(trifluoromethyl)phenoxy]-8-[5-(trifluoromethyl)-2-pyridinyl]-, (3-endo)-
(CA INDEX NAME)

Relative stereochemistry.



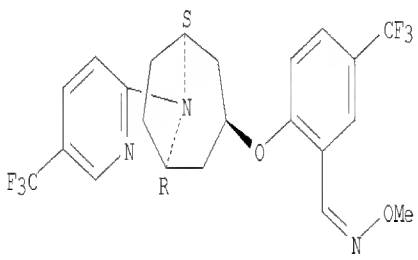
RN 866617-76-7 CAPLUS
CN 8-Azabicyclo[3.2.1]octane, 3-[2-(4,4-dimethyl-2-oxazolidinyl)-4-(trifluoromethyl)phenoxy]-8-[5-(trifluoromethyl)-2-pyridinyl]-, (3-endo)-
(CA INDEX NAME)

Relative stereochemistry.



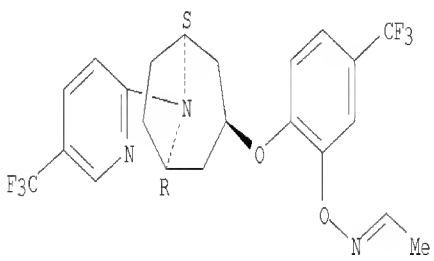
RN 866617-77-8 CAPLUS
CN Benzaldehyde, 5-(trifluoromethyl)-2-[[(3-endo)-8-[5-(trifluoromethyl)-2-pyridinyl]-8-azabicyclo[3.2.1]oct-3-yl]oxy]-, O-methyloxime (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry unknown.



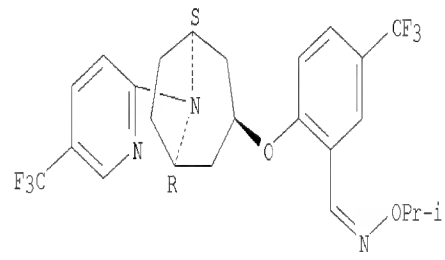
RN 866617-78-9 CAPLUS
CN Acetaldehyde, O-[5-(trifluoromethyl)-2-[[(3-endo)-8-[5-(trifluoromethyl)-2-pyridinyl]-8-azabicyclo[3.2.1]oct-3-yl]oxy]phenyl]oxime (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry unknown.



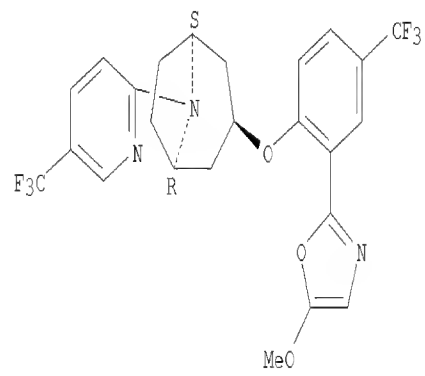
RN 866617-80-3 CAPLUS
CN Benzaldehyde, 5-(trifluoromethyl)-2-[[(3-endo)-8-[5-(trifluoromethyl)-2-pyridinyl]-8-azabicyclo[3.2.1]oct-3-yl]oxy]-, O-(1-methylethyl)oxime (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry unknown.



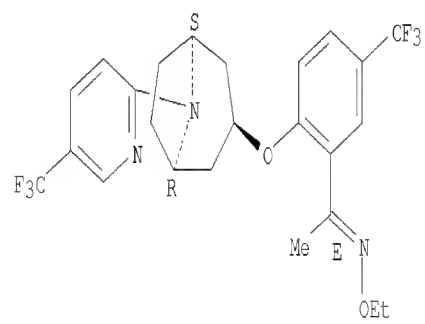
RN 866617-82-5 CAPLUS
CN 8-Azabicyclo[3.2.1]octane, 3-[2-(5-methoxy-2-oxazolyl)-4-(trifluoromethyl)phenoxy]-8-[5-(trifluoromethyl)-2-pyridinyl]-, (3-endo)- (CA INDEX NAME)

Relative stereochemistry.



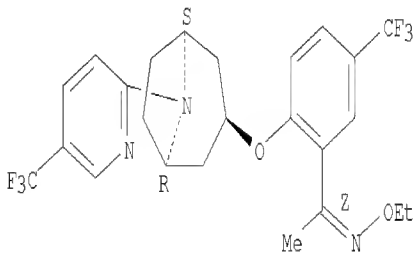
RN 866617-83-6 CAPLUS
CN Ethanone, 1-[5-(trifluoromethyl)-2-[[(3-endo)-8-[5-(trifluoromethyl)-2-pyridinyl]-8-azabicyclo[3.2.1]oct-3-yl]oxy]phenyl]-, O-ethyloxime, (1E)- (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry as shown.



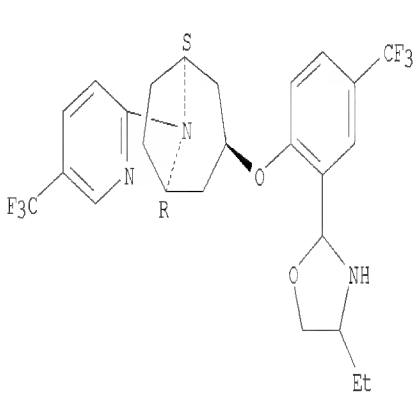
RN 866617-84-7 CAPLUS
CN Ethanone, 1-[5-(trifluoromethyl)-2-[[(3-endo)-8-[5-(trifluoromethyl)-2-pyridinyl]-8-azabicyclo[3.2.1]oct-3-yl]oxy]phenyl]-, O-ethyloxime, (1Z)- (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry as shown.



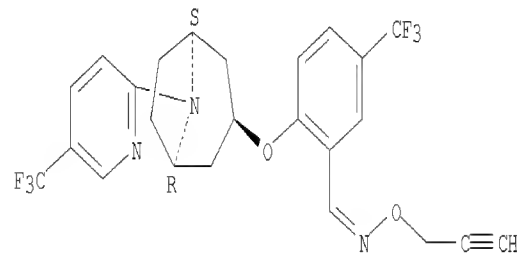
RN 866617-85-8 CAPLUS
CN 8-Azabicyclo[3.2.1]octane, 3-[2-(4-ethyl-2-oxazolidinyl)-4-(trifluoromethyl)phenoxy]-8-[5-(trifluoromethyl)-2-pyridinyl]-, (3-endo)- (CA INDEX NAME)

Relative stereochemistry.



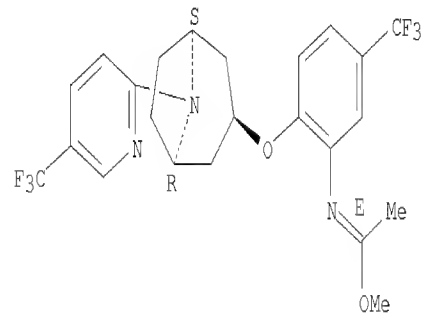
RN 866617-86-9 CAPLUS
CN Benzaldehyde, 5-(trifluoromethyl)-2-[[(3-endo)-8-[5-(trifluoromethyl)-2-pyridinyl]-8-azabicyclo[3.2.1]oct-3-yl]oxy]-, O-2-propynyloxime (9CI) (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry unknown.



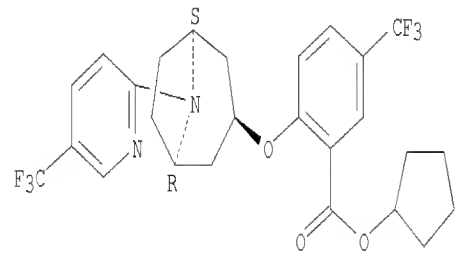
RN 866617-87-0 CAPLUS
CN Ethanimidic acid, N-[5-(trifluoromethyl)-2-[[(3-endo)-8-[5-(trifluoromethyl)-2-pyridinyl]-8-azabicyclo[3.2.1]oct-3-yl]oxy]phenyl]-, methyl ester, (1E)- (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry as shown.



RN 866617-88-1 CAPLUS
CN Benzoic acid, 5-(trifluoromethyl)-2-[[(3-endo)-8-[5-(trifluoromethyl)-2-pyridinyl]-8-azabicyclo[3.2.1]oct-3-yl]oxy]-, cyclopentyl ester (CA INDEX NAME)

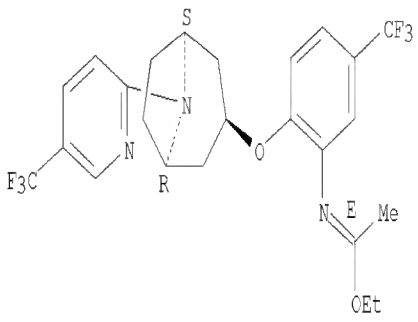
Relative stereochemistry.



RN 866617-89-2 CAPLUS
CN Ethanimidic acid, N-[5-(trifluoromethyl)-2-[[(3-endo)-8-[5-(trifluoromethyl)-2-pyridinyl]-8-azabicyclo[3.2.1]oct-3-yl]oxy]phenyl]-, ethyl ester, (1E)- (CA INDEX NAME)

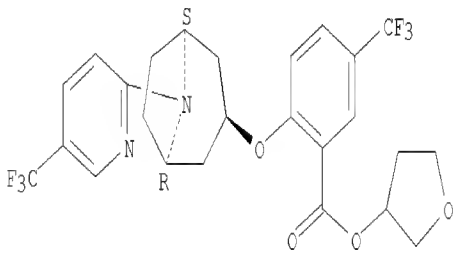
Relative stereochemistry.

Double bond geometry as shown.



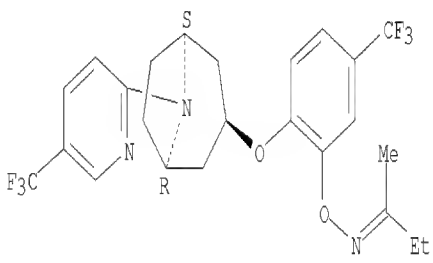
RN 866617-90-5 CAPLUS
CN Benzoic acid, 5-(trifluoromethyl)-2-[[(3-endo)-8-[5-(trifluoromethyl)-2-pyridinyl]-8-azabicyclo[3.2.1]oct-3-yl]oxy]-, tetrahydro-3-furanyl ester (CA INDEX NAME)

Relative stereochemistry.



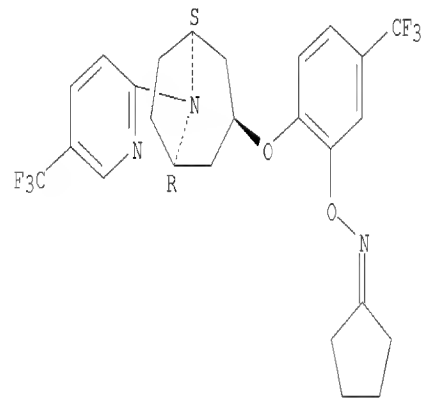
RN 866617-91-6 CAPLUS
CN 2-Butanone, O-[5-(trifluoromethyl)-2-[[(3-endo)-8-[5-(trifluoromethyl)-2-pyridinyl]-8-azabicyclo[3.2.1]oct-3-yl]oxy]phenyl]oxime (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry unknown.



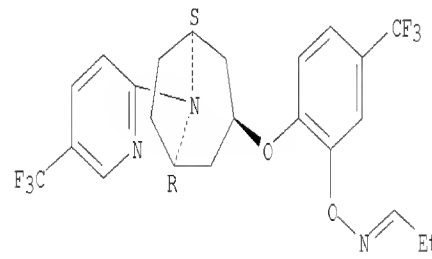
RN 866617-92-7 CAPLUS
CN Cyclopentanone, O-[5-(trifluoromethyl)-2-[[(3-endo)-8-[5-(trifluoromethyl)-2-pyridinyl]-8-azabicyclo[3.2.1]oct-3-yl]oxy]phenyl]oxime (CA INDEX NAME)

Relative stereochemistry.



RN 866617-93-8 CAPLUS
CN Propanal, O-[5-(trifluoromethyl)-2-[[(3-endo)-8-[5-(trifluoromethyl)-2-pyridinyl]-8-azabicyclo[3.2.1]oct-3-yl]oxy]phenyl]oxime (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry unknown.



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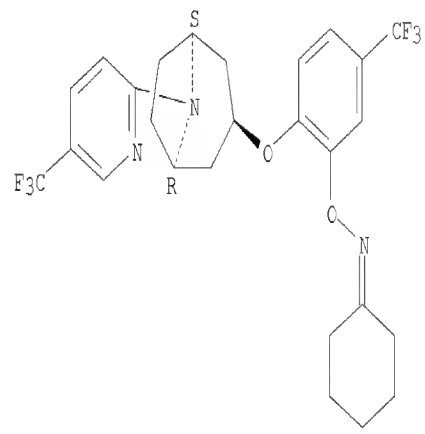
866619-17-2P 866619-18-3P 866619-19-4P
866619-20-7P 866619-21-8P 866619-22-9P
866619-23-0P 866619-24-1P 866619-25-2P
866619-26-3P 866619-27-4P 866619-28-5P
866619-29-6P 866619-30-9P 866619-31-0P
866619-32-1P 866619-33-2P 866619-34-3P
866619-35-4P 866619-36-5P 866619-37-6P
866619-38-7P 866619-39-8P 866619-40-1P
866619-41-2P 866619-42-3P 866619-43-4P
866619-44-5P 866619-45-6P 866619-46-7P
866619-47-8P 866619-51-4P 866619-52-5P
866619-53-6P 866619-54-7P 866619-55-8P
866619-56-9P 866619-57-0P 866619-58-1P
866622-00-6P 866622-02-8P 866622-05-1P
866778-19-0P 866778-21-4P 866778-22-5P
866778-23-6P 866778-24-7P 866778-25-8P
866778-26-9P 866778-27-0P 866778-28-1P
866778-29-2P 866778-30-5P 866778-31-6P
RL: AGR (Agricultural use); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of N-(2-pyridyl)cyclic amine derivs. as pesticides such as insecticides and miticides)

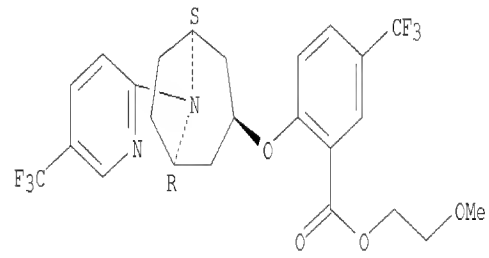
RN 866617-94-9 CAPLUS
CN Cyclohexanone, O-[5-(trifluoromethyl)-2-[[(3-endo)-8-[5-(trifluoromethyl)-2-pyridinyl]-8-azabicyclo[3.2.1]oct-3-yl]oxy]phenyl]oxime (CA INDEX NAME)

Relative stereochemistry.



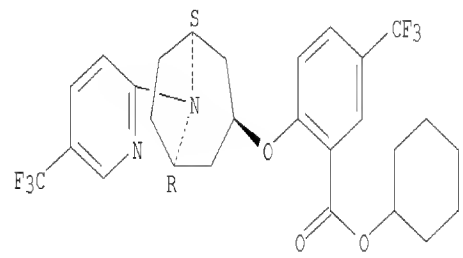
RN 866617-95-0 CAPLUS
CN Benzoic acid, 5-(trifluoromethyl)-2-[[(3-endo)-8-[5-(trifluoromethyl)-2-pyridinyl]-8-azabicyclo[3.2.1]oct-3-yl]oxy]-, 2-methoxyethyl ester (CA INDEX NAME)

Relative stereochemistry.



RN 866617-96-1 CAPLUS
CN Benzoic acid, 5-(trifluoromethyl)-2-[[(3-endo)-8-[5-(trifluoromethyl)-2-pyridinyl]-8-azabicyclo[3.2.1]oct-3-yl]oxy]-, cyclohexyl ester (CA INDEX NAME)

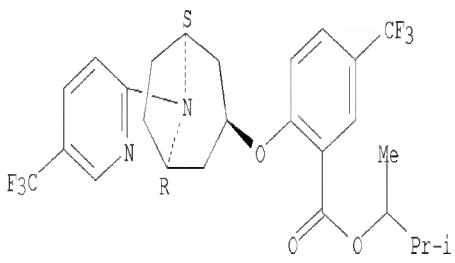
Relative stereochemistry.



RN 866617-97-2 CAPLUS
CN Benzoic acid, 5-(trifluoromethyl)-2-[[(3-endo)-8-[5-(trifluoromethyl)-2-pyridinyl]-8-azabicyclo[3.2.1]oct-3-yl]oxy]-, 1,2-dimethylpropyl ester

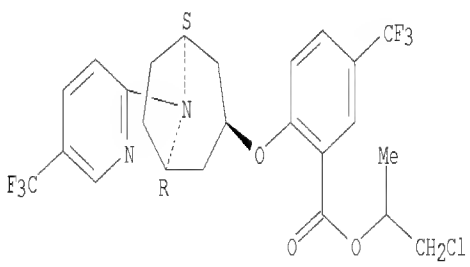
(CA INDEX NAME)

Relative stereochemistry.



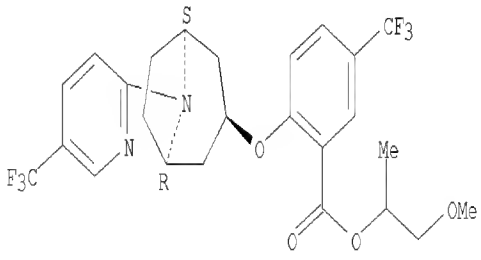
RN 866617-98-3 CAPLUS
CN Benzoic acid, 5-(trifluoromethyl)-2-[[(3-endo)-8-[5-(trifluoromethyl)-2-pyridinyl]-8-azabicyclo[3.2.1]oct-3-yl]oxy]-, 2-chloro-1-methylethyl ester (CA INDEX NAME)

Relative stereochemistry.



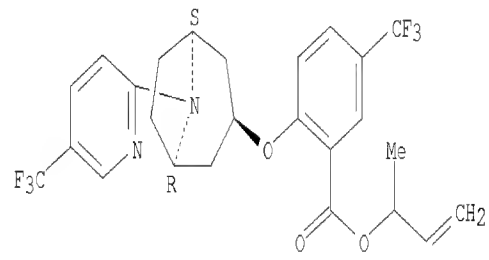
RN 866617-99-4 CAPLUS
CN Benzoic acid, 5-(trifluoromethyl)-2-[[(3-endo)-8-[5-(trifluoromethyl)-2-pyridinyl]-8-azabicyclo[3.2.1]oct-3-yl]oxy]-, 2-methoxy-1-methylethyl ester (CA INDEX NAME)

Relative stereochemistry.



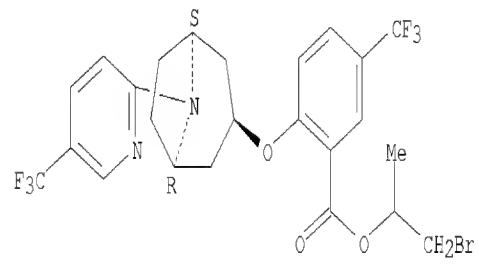
RN 866618-00-0 CAPLUS
CN Benzoic acid, 5-(trifluoromethyl)-2-[[(3-endo)-8-[5-(trifluoromethyl)-2-pyridinyl]-8-azabicyclo[3.2.1]oct-3-yl]oxy]-, 1-methyl-2-propenyl ester (9CI) (CA INDEX NAME)

Relative stereochemistry.



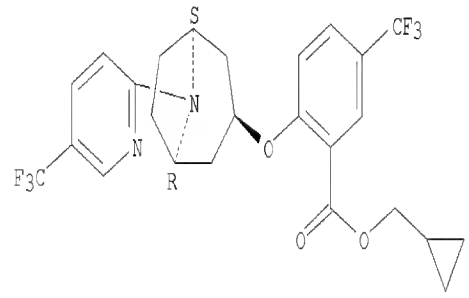
RN 866618-01-1 CAPLUS
CN Benzoic acid, 5-(trifluoromethyl)-2-[[(3-endo)-8-[5-(trifluoromethyl)-2-pyridinyl]-8-azabicyclo[3.2.1]oct-3-yl]oxy]-, 2-bromo-1-methylethyl ester (CA INDEX NAME)

Relative stereochemistry.



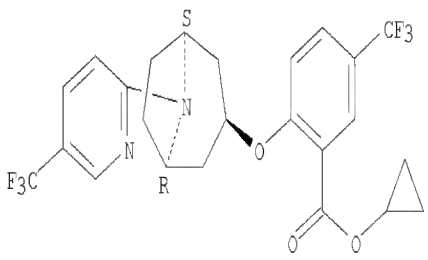
RN 866618-02-2 CAPLUS
CN Benzoic acid, 5-(trifluoromethyl)-2-[[(3-endo)-8-[5-(trifluoromethyl)-2-pyridinyl]-8-azabicyclo[3.2.1]oct-3-yl]oxy]-, cyclopropylmethyl ester (CA INDEX NAME)

Relative stereochemistry.



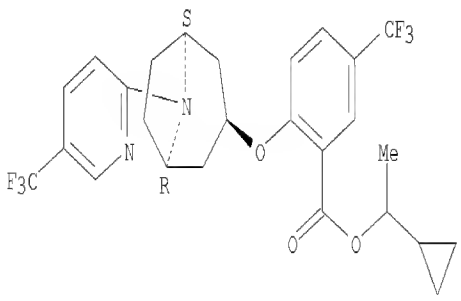
RN 866618-03-3 CAPLUS
CN Benzoic acid, 5-(trifluoromethyl)-2-[[(3-endo)-8-[5-(trifluoromethyl)-2-pyridinyl]-8-azabicyclo[3.2.1]oct-3-yl]oxy]-, cyclopropyl ester (CA INDEX NAME)

Relative stereochemistry.



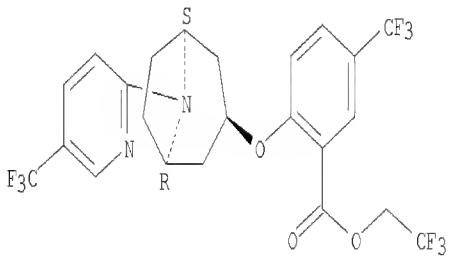
RN 866618-04-4 CAPLUS
CN Benzoic acid, 5-(trifluoromethyl)-2-[[(3-endo)-8-[5-(trifluoromethyl)-2-pyridinyl]-8-azabicyclo[3.2.1]oct-3-yl]oxy]-, 1-cyclopropylethyl ester (CA INDEX NAME)

Relative stereochemistry.



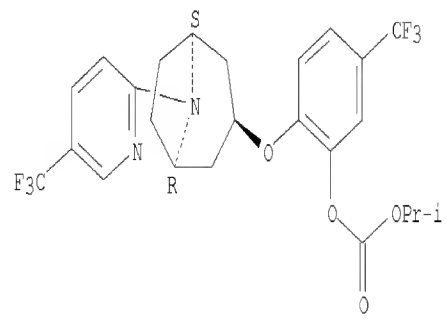
RN 866618-05-5 CAPLUS
CN Benzoic acid, 5-(trifluoromethyl)-2-[[(3-endo)-8-[5-(trifluoromethyl)-2-pyridinyl]-8-azabicyclo[3.2.1]oct-3-yl]oxy]-, 2,2,2-trifluoroethyl ester (CA INDEX NAME)

Relative stereochemistry.



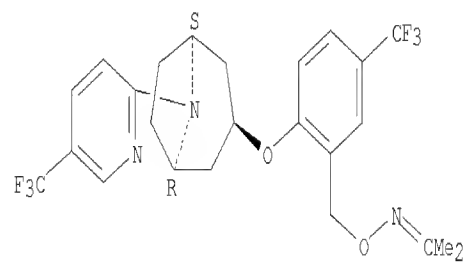
RN 866618-06-6 CAPLUS
CN Carbonic acid, 1-methylethyl 5-(trifluoromethyl)-2-[[(3-endo)-8-[5-(trifluoromethyl)-2-pyridinyl]-8-azabicyclo[3.2.1]oct-3-yl]oxy]phenyl ester (9CI) (CA INDEX NAME)

Relative stereochemistry.



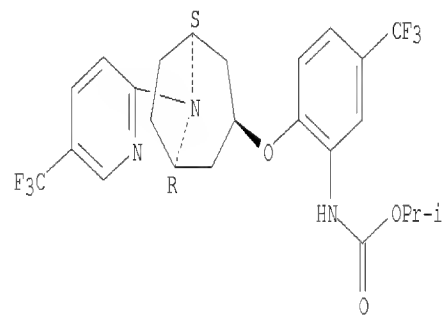
RN 866618-07-7 CAPLUS
CN 2-Propanone, O-[[5-(trifluoromethyl)-2-[[(3-endo)-8-[5-(trifluoromethyl)-2-pyridinyl]-8-azabicyclo[3.2.1]oct-3-yl]oxy]phenyl]methyl]oxime (CA INDEX NAME)

Relative stereochemistry.



RN 866618-08-8 CAPLUS
CN Carbamic acid, [5-(trifluoromethyl)-2-[[(3-endo)-8-[5-(trifluoromethyl)-2-pyridinyl]-8-azabicyclo[3.2.1]oct-3-yl]oxy]phenyl]-, 1-methylethyl ester (9CI) (CA INDEX NAME)

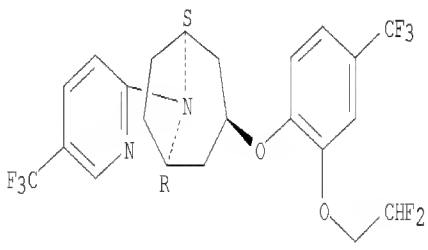
Relative stereochemistry.



RN 866618-09-9 CAPLUS
CN 8-Azabicyclo[3.2.1]octane, 3-[2-(2,2-difluoroethoxy)-4-(trifluoromethyl)phenoxy]-8-[5-(trifluoromethyl)-2-pyridinyl]-, (3-endo)-

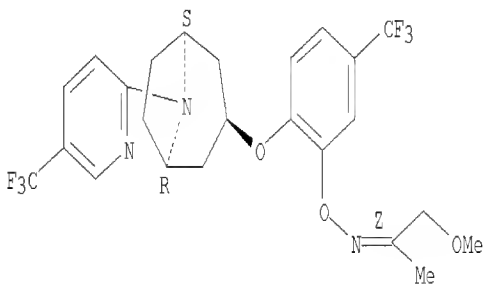
(CA INDEX NAME)

Relative stereochemistry.



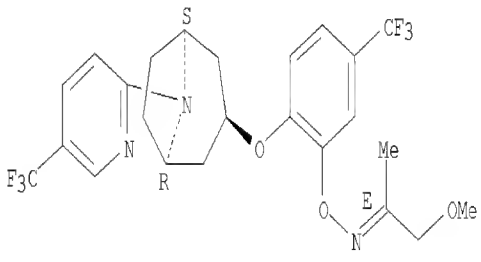
RN 866618-10-2 CAPLUS
CN 2-Propanone, 1-methoxy-, O-[5-(trifluoromethyl)-2-[[(3-endo)-8-[5-(trifluoromethyl)-2-pyridinyl]-8-azabicyclo[3.2.1]oct-3-yl]oxy]phenyl]oxime, (2Z)- (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry as shown.



RN 866618-11-3 CAPLUS
CN 2-Propanone, 1-methoxy-, O-[5-(trifluoromethyl)-2-[[(3-endo)-8-[5-(trifluoromethyl)-2-pyridinyl]-8-azabicyclo[3.2.1]oct-3-yl]oxy]phenyl]oxime, (2E)- (CA INDEX NAME)

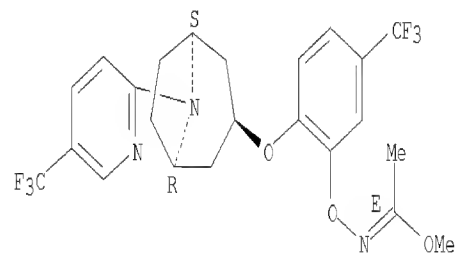
Relative stereochemistry.
Double bond geometry as shown.



RN 866618-12-4 CAPLUS
CN Ethanimidic acid, N-[5-(trifluoromethyl)-2-[[(3-endo)-8-[5-

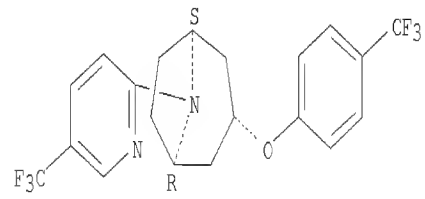
(trifluoromethyl)-2-pyridinyl]-8-azabicyclo[3.2.1]oct-3-yl]oxy]phenoxy]-, methyl ester, (1E)- (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry as shown.



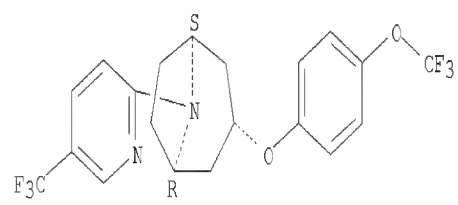
RN 866618-13-5 CAPLUS
CN 8-Azabicyclo[3.2.1]octane, 3-[4-(trifluoromethyl)phenoxy]-8-[5-(trifluoromethyl)-2-pyridinyl]-, (3-exo)- (CA INDEX NAME)

Relative stereochemistry.



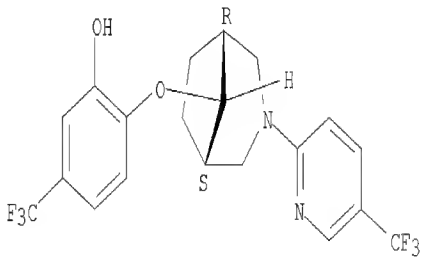
RN 866618-14-6 CAPLUS
CN 8-Azabicyclo[3.2.1]octane, 3-[4-(trifluoromethoxy)phenoxy]-8-[5-(trifluoromethyl)-2-pyridinyl]-, (3-exo)- (CA INDEX NAME)

Relative stereochemistry.



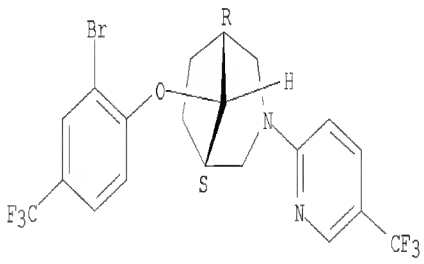
RN 866618-15-7 CAPLUS
CN Phenol, 5-(trifluoromethyl)-2-[[(8-anti)-3-[5-(trifluoromethyl)-2-pyridinyl]-3-azabicyclo[3.2.1]oct-8-yl]oxy]- (CA INDEX NAME)

Relative stereochemistry.



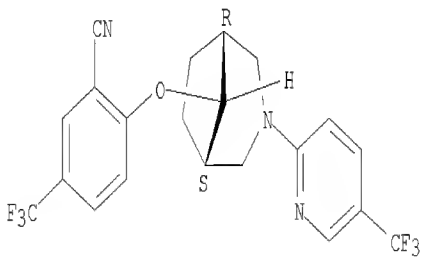
RN 866618-16-8 CAPLUS
CN 3-Azabicyclo[3.2.1]octane, 8-[2-bromo-4-(trifluoromethyl)phenoxy]-3-[5-(trifluoromethyl)-2-pyridinyl]-, (8-anti)- (CA INDEX NAME)

Relative stereochemistry.



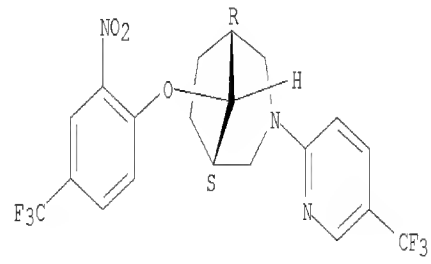
RN 866618-17-9 CAPLUS
CN Benzonitrile, 5-(trifluoromethyl)-2-[[(8-anti)-3-[5-(trifluoromethyl)-2-pyridinyl]-3-azabicyclo[3.2.1]oct-8-yl]oxy]- (CA INDEX NAME)

Relative stereochemistry.



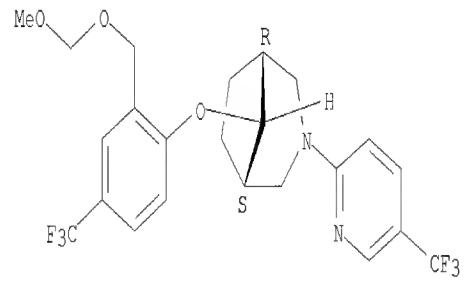
RN 866618-18-0 CAPLUS
CN 3-Azabicyclo[3.2.1]octane, 8-[2-nitro-4-(trifluoromethyl)phenoxy]-3-[5-(trifluoromethyl)-2-pyridinyl]-, (8-anti)- (CA INDEX NAME)

Relative stereochemistry.



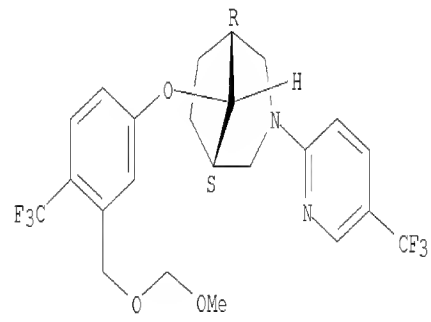
RN 866618-19-1 CAPLUS
CN 3-Azabicyclo[3.2.1]octane, 8-[2-[(methoxymethoxy)methyl]-4-(trifluoromethyl)phenoxy]-3-[5-(trifluoromethyl)-2-pyridinyl]-, (8-anti)- (CA INDEX NAME)

Relative stereochemistry.



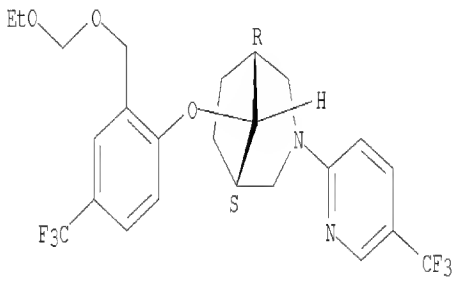
RN 866618-20-4 CAPLUS
CN 3-Azabicyclo[3.2.1]octane, 8-[3-[(methoxymethoxy)methyl]-4-(trifluoromethyl)phenoxy]-3-[5-(trifluoromethyl)-2-pyridinyl]-, (8-anti)- (CA INDEX NAME)

Relative stereochemistry.



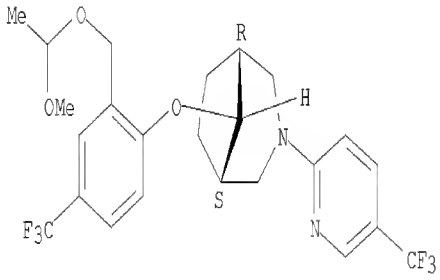
RN 866618-21-5 CAPLUS
CN 3-Azabicyclo[3.2.1]octane, 8-[2-[(ethoxymethoxy)methyl]-4-(trifluoromethyl)phenoxy]-3-[5-(trifluoromethyl)-2-pyridinyl]-, (8-anti)- (CA INDEX NAME)

Relative stereochemistry.



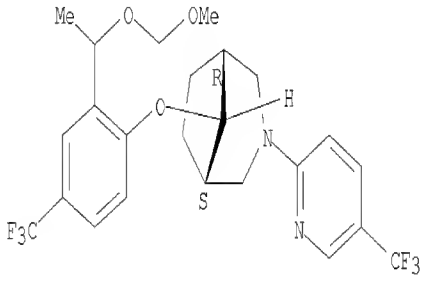
RN 866618-22-6 CAPLUS
CN 3-Azabicyclo[3.2.1]octane, 8-[2-[(1-methoxyethoxy)methyl]-4-(trifluoromethyl)phenoxy]-3-[5-(trifluoromethyl)-2-pyridinyl]-, (8-anti)-(CA INDEX NAME)

Relative stereochemistry.



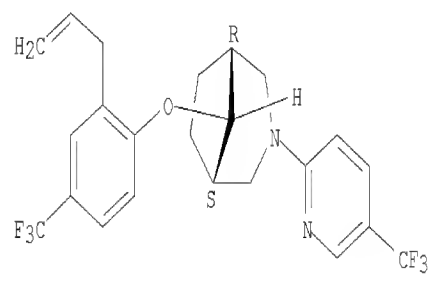
RN 866618-23-7 CAPLUS
CN 3-Azabicyclo[3.2.1]octane, 8-[2-[1-(methoxymethoxy)ethyl]-4-(trifluoromethyl)phenoxy]-3-[5-(trifluoromethyl)-2-pyridinyl]-, (8-anti)-(CA INDEX NAME)

Relative stereochemistry.



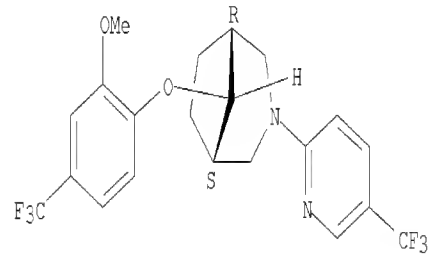
RN 866618-24-8 CAPLUS
CN 3-Azabicyclo[3.2.1]octane, 8-[2-(2-propenyl)-4-(trifluoromethyl)phenoxy]-3-[5-(trifluoromethyl)-2-pyridinyl]-, (8-anti)- (9CI) (CA INDEX NAME)

Relative stereochemistry.



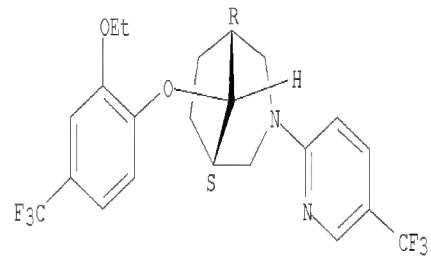
RN 866618-25-9 CAPLUS
CN 3-Azabicyclo[3.2.1]octane, 8-[2-methoxy-4-(trifluoromethyl)phenoxy]-3-[5-(trifluoromethyl)-2-pyridinyl]-, (8-anti)- (CA INDEX NAME)

Relative stereochemistry.



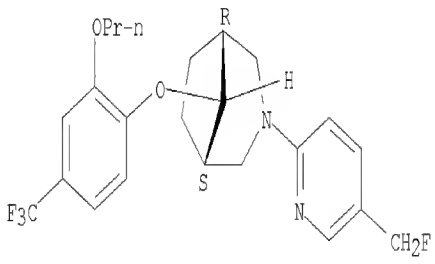
RN 866618-26-0 CAPLUS
CN 3-Azabicyclo[3.2.1]octane, 8-[2-ethoxy-4-(trifluoromethyl)phenoxy]-3-[5-(trifluoromethyl)-2-pyridinyl]-, (8-anti)- (CA INDEX NAME)

Relative stereochemistry.



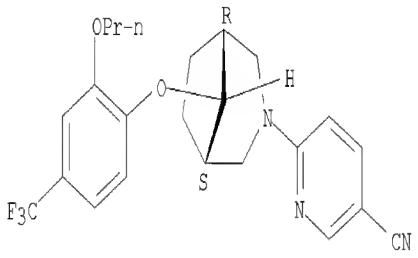
RN 866618-27-1 CAPLUS
CN 3-Azabicyclo[3.2.1]octane, 3-[5-(fluoromethyl)-2-pyridinyl]-8-[2-propoxy-4-(trifluoromethyl)phenoxy]-, (8-anti)- (CA INDEX NAME)

Relative stereochemistry.



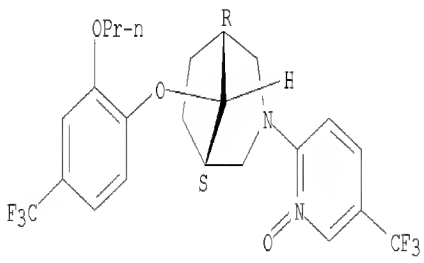
RN 866618-28-2 CAPLUS
CN 3-Pyridinecarbonitrile, 6-[(8-syn)-8-[2-propoxy-4-(trifluoromethyl)phenoxy]-3-azabicyclo[3.2.1]oct-3-yl]- (CA INDEX NAME)

Relative stereochemistry.



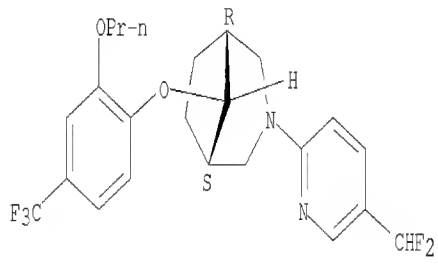
RN 866618-29-3 CAPLUS
CN 3-Azabicyclo[3.2.1]octane, 3-[1-oxido-5-(trifluoromethyl)-2-pyridinyl]-8-[2-propoxy-4-(trifluoromethyl)phenoxy]-, (8-anti)- (CA INDEX NAME)

Relative stereochemistry.



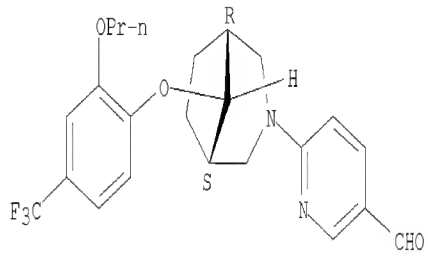
RN 866618-30-6 CAPLUS
CN 3-Azabicyclo[3.2.1]octane, 3-[5-(difluoromethyl)-2-pyridinyl]-8-[2-propoxy-4-(trifluoromethyl)phenoxy]-, (8-anti)- (CA INDEX NAME)

Relative stereochemistry.



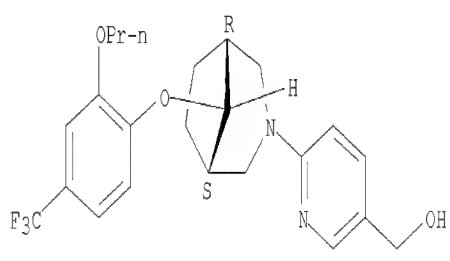
RN 866618-31-7 CAPLUS
CN 3-Pyridinecarboxaldehyde, 6-[(8-anti)-8-[2-propoxy-4-(trifluoromethyl)phenoxy]-3-azabicyclo[3.2.1]oct-3-yl]- (CA INDEX NAME)

Relative stereochemistry.



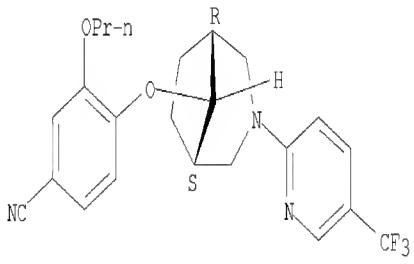
RN 866618-32-8 CAPLUS
CN 3-Pyridinemethanol, 6-[(8-anti)-8-[2-propoxy-4-(trifluoromethyl)phenoxy]-3-azabicyclo[3.2.1]oct-3-yl]- (CA INDEX NAME)

Relative stereochemistry.



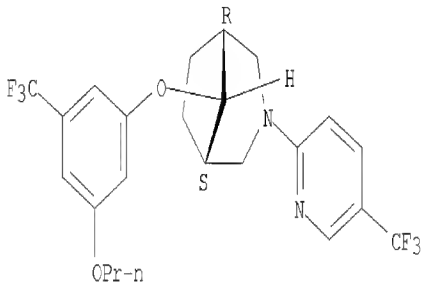
RN 866618-33-9 CAPLUS
CN Benzonitrile, 3-propoxy-4-[[(8-anti)-3-[5-(trifluoromethyl)-2-pyridinyl]-3-azabicyclo[3.2.1]oct-8-yl]oxy]- (CA INDEX NAME)

Relative stereochemistry.



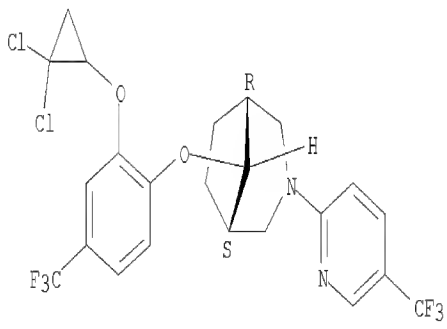
RN 866618-34-0 CAPLUS
CN 3-Azabicyclo[3.2.1]octane, 8-[3-propoxy-5-(trifluoromethyl)phenoxy]-3-[5-(trifluoromethyl)-2-pyridinyl]-, (8-anti)- (CA INDEX NAME)

Relative stereochemistry.



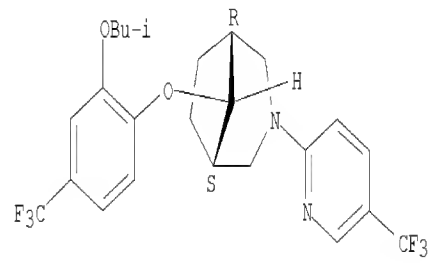
RN 866618-35-1 CAPLUS
CN 3-Azabicyclo[3.2.1]octane, 8-[2-[(2,2-dichlorocyclopropyl)oxy]-4-(trifluoromethyl)phenoxy]-3-[5-(trifluoromethyl)-2-pyridinyl]-, (8-anti)-(9CI) (CA INDEX NAME)

Relative stereochemistry.



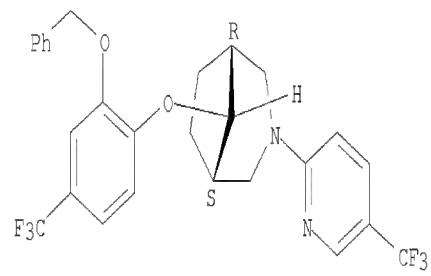
RN 866618-36-2 CAPLUS
CN 3-Azabicyclo[3.2.1]octane, 8-[2-(2-methylpropoxy)-4-(trifluoromethyl)phenoxy]-3-[5-(trifluoromethyl)-2-pyridinyl]-, (8-anti)-(CA INDEX NAME)

Relative stereochemistry.



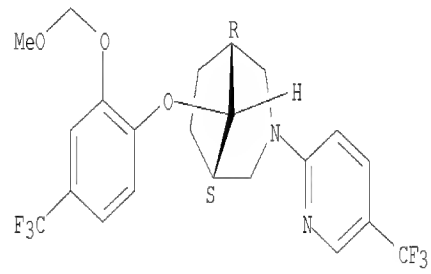
RN 866618-37-3 CAPLUS
CN 3-Azabicyclo[3.2.1]octane, 8-[2-(phenylmethoxy)-4-(trifluoromethyl)phenoxy]-3-[5-(trifluoromethyl)-2-pyridinyl]-, (8-anti)-(CA INDEX NAME)

Relative stereochemistry.



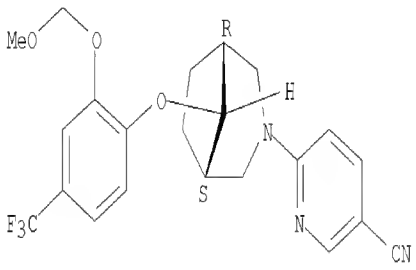
RN 866618-38-4 CAPLUS
CN 3-Azabicyclo[3.2.1]octane, 8-[2-(methoxymethoxy)-4-(trifluoromethyl)phenoxy]-3-[5-(trifluoromethyl)-2-pyridinyl]-, (8-anti)-(CA INDEX NAME)

Relative stereochemistry.



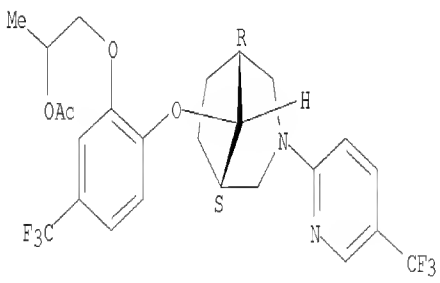
RN 866618-39-5 CAPLUS
CN 3-Pyridinecarbonitrile, 6-[(8-syn)-8-[2-(methoxymethoxy)-4-(trifluoromethyl)phenoxy]-3-azabicyclo[3.2.1]oct-3-yl]- (CA INDEX NAME)

Relative stereochemistry.



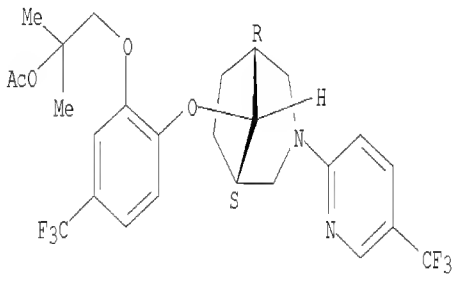
RN 866618-40-8 CAPLUS
CN 2-Propanol, 1-[5-(trifluoromethyl)-2-[[(8-anti)-3-[5-(trifluoromethyl)-2-pyridinyl]-3-azabicyclo[3.2.1]oct-8-yl]oxy]phenoxy]-, acetate (ester) (9CI) (CA INDEX NAME)

Relative stereochemistry.



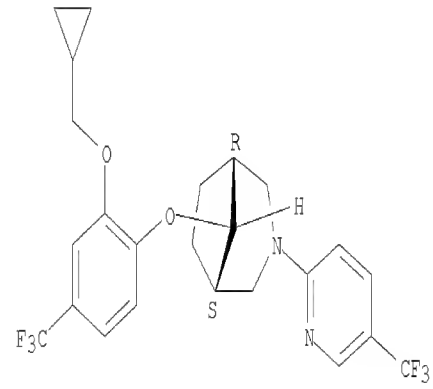
RN 866618-41-9 CAPLUS
CN 2-Propanol, 2-methyl-1-[5-(trifluoromethyl)-2-[[(8-anti)-3-[5-(trifluoromethyl)-2-pyridinyl]-3-azabicyclo[3.2.1]oct-8-yl]oxy]phenoxy]-, acetate (ester) (9CI) (CA INDEX NAME)

Relative stereochemistry.



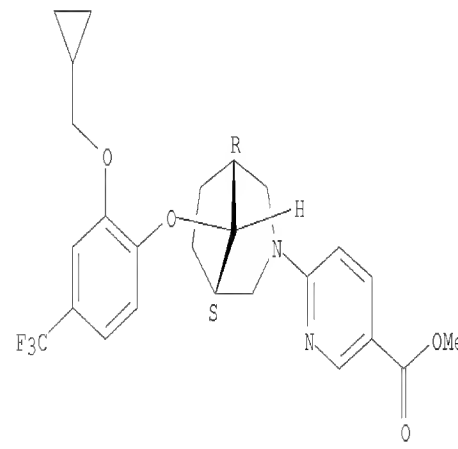
RN 866618-42-0 CAPLUS
CN 3-Azabicyclo[3.2.1]octane, 8-[2-(cyclopropylmethoxy)-4-(trifluoromethyl)phenoxy]-3-[5-(trifluoromethyl)-2-pyridinyl]-, (8-anti)- (CA INDEX NAME)

Relative stereochemistry.



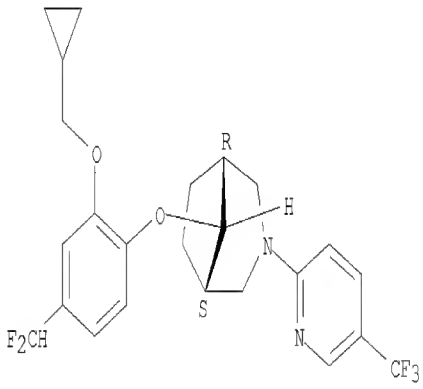
RN 866618-43-1 CAPLUS
CN 3-Pyridinecarboxylic acid, 6-[(8-anti)-8-[2-(cyclopropylmethoxy)-4-(trifluoromethyl)phenoxy]-3-azabicyclo[3.2.1]oct-3-yl]-, methyl ester (CA INDEX NAME)

Relative stereochemistry.



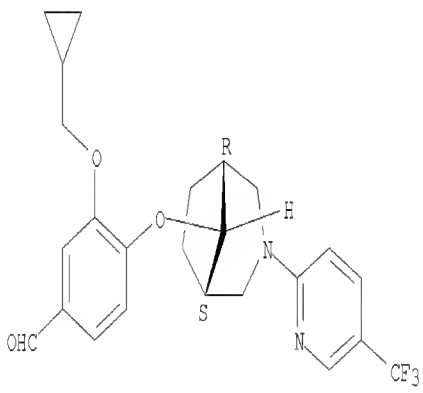
RN 866618-44-2 CAPLUS
CN 3-Azabicyclo[3.2.1]octane, 8-[2-(cyclopropylmethoxy)-4-(difluoromethyl)phenoxy]-3-[5-(trifluoromethyl)-2-pyridinyl]-, (8-anti)- (CA INDEX NAME)

Relative stereochemistry.



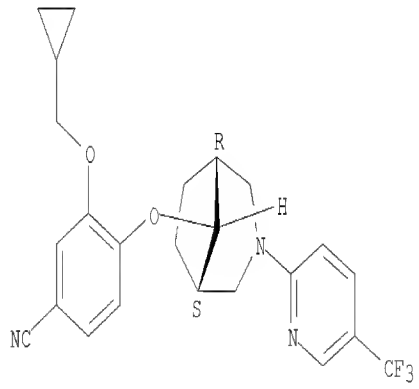
RN 866618-45-3 CAPLUS
CN Benzaldehyde, 3-(cyclopropylmethoxy)-4-[[(8-anti)-3-[5-(trifluoromethyl)-2-pyridinyl]-3-azabicyclo[3.2.1]oct-8-yl]oxy]- (CA INDEX NAME)

Relative stereochemistry.



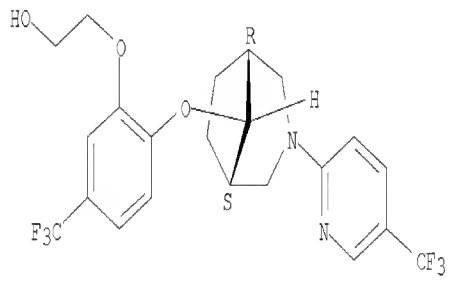
RN 866618-46-4 CAPLUS
CN Benzonitrile, 3-(cyclopropylmethoxy)-4-[[(8-anti)-3-[5-(trifluoromethyl)-2-pyridinyl]-3-azabicyclo[3.2.1]oct-8-yl]oxy]- (CA INDEX NAME)

Relative stereochemistry.



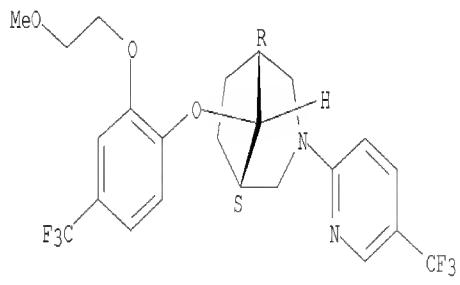
RN 866618-47-5 CAPLUS
CN Ethanol, 2-[5-(trifluoromethyl)-2-[[(8-anti)-3-[5-(trifluoromethyl)-2-pyridinyl]-3-azabicyclo[3.2.1]oct-8-yl]oxy]phenoxy]- (CA INDEX NAME)

Relative stereochemistry.



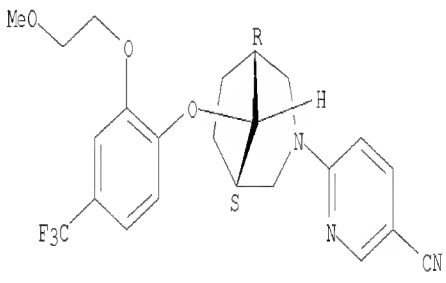
RN 866618-48-6 CAPLUS
CN 3-Azabicyclo[3.2.1]octane, 8-[2-(2-methoxyethoxy)-4-(trifluoromethyl)phenoxy]-3-[5-(trifluoromethyl)-2-pyridinyl]-, (8-anti)- (CA INDEX NAME)

Relative stereochemistry.



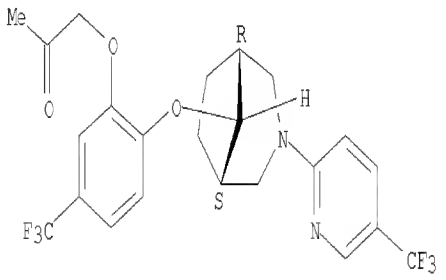
RN 866618-49-7 CAPLUS
CN 3-Pyridinecarbonitrile, 6-[(8-syn)-8-[2-(2-methoxyethoxy)-4-(trifluoromethyl)phenoxy]-3-azabicyclo[3.2.1]oct-3-yl]- (CA INDEX NAME)

Relative stereochemistry.



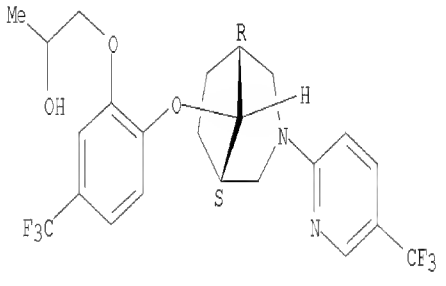
RN 866618-50-0 CAPLUS
CN 2-Propanone, 1-[5-(trifluoromethyl)-2-[[(8-anti)-3-[5-(trifluoromethyl)-2-pyridinyl]-3-azabicyclo[3.2.1]oct-8-yl]oxy]phenoxy]- (CA INDEX NAME)

Relative stereochemistry.



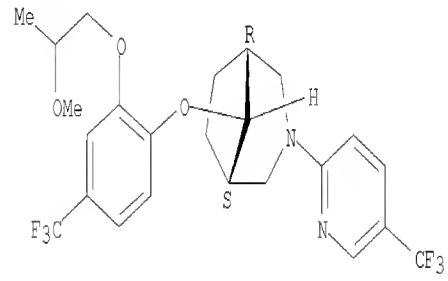
RN 866618-51-1 CAPLUS
CN 2-Propanol, 1-[5-(trifluoromethyl)-2-[[(8-anti)-3-[5-(trifluoromethyl)-2-pyridinyl]-3-azabicyclo[3.2.1]oct-8-yl]oxy]phenoxy]- (CA INDEX NAME)

Relative stereochemistry.



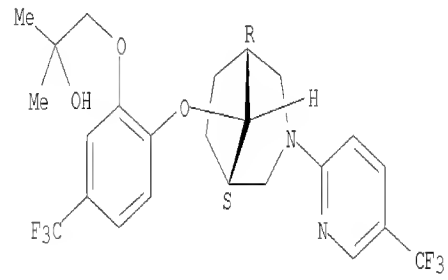
RN 866618-52-2 CAPLUS
CN 3-Azabicyclo[3.2.1]octane, 8-[2-(2-methoxypropoxy)-4-(trifluoromethyl)phenoxy]-3-[5-(trifluoromethyl)-2-pyridinyl]-, (8-anti)- (CA INDEX NAME)

Relative stereochemistry.



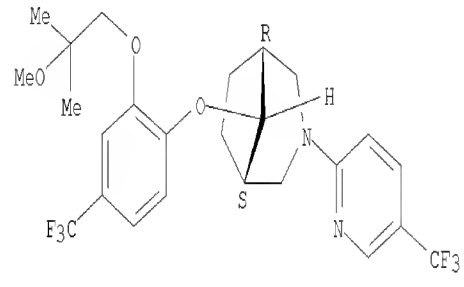
RN 866618-53-3 CAPLUS
CN 2-Propanol, 2-methyl-1-[5-(trifluoromethyl)-2-[[(8-anti)-3-[5-(trifluoromethyl)-2-pyridinyl]-3-azabicyclo[3.2.1]oct-8-yl]oxy]phenoxy]- (CA INDEX NAME)

Relative stereochemistry.



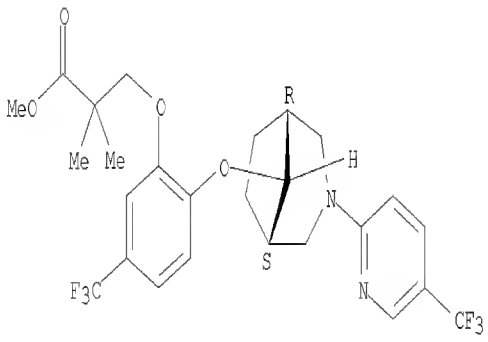
RN 866618-54-4 CAPLUS
CN 3-Azabicyclo[3.2.1]octane, 8-[2-(2-methoxy-2-methylpropoxy)-4-(trifluoromethyl)phenoxy]-3-[5-(trifluoromethyl)-2-pyridinyl]-, (8-anti)- (CA INDEX NAME)

Relative stereochemistry.



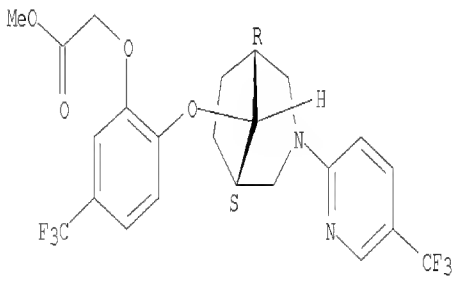
RN 866618-55-5 CAPLUS
CN Propanoic acid, 2,2-dimethyl-3-[5-(trifluoromethyl)-2-[[(8-anti)-3-[5-(trifluoromethyl)-2-pyridinyl]-3-azabicyclo[3.2.1]oct-8-yl]oxy]phenoxy]-, methyl ester (CA INDEX NAME)

Relative stereochemistry.



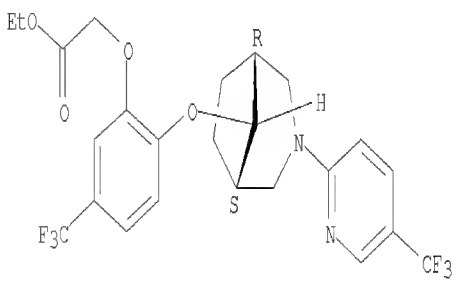
RN 866618-56-6 CAPLUS
CN Acetic acid, [5-(trifluoromethyl)-2-[[(8-anti)-3-[5-(trifluoromethyl)-2-pyridinyl]-3-azabicyclo[3.2.1]oct-8-yl]oxy]phenoxy]-, methyl ester (9CI) (CA INDEX NAME)

Relative stereochemistry.



RN 866618-57-7 CAPLUS
CN Acetic acid, [5-(trifluoromethyl)-2-[[(8-anti)-3-[5-(trifluoromethyl)-2-pyridinyl]-3-azabicyclo[3.2.1]oct-8-yl]oxy]phenoxy]-, ethyl ester (9CI) (CA INDEX NAME)

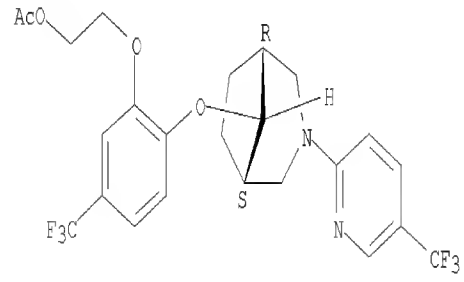
Relative stereochemistry.



RN 866618-58-8 CAPLUS

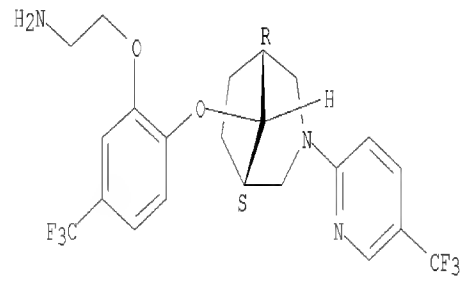
CN Ethanol, 2-[5-(trifluoromethyl)-2-[[(8-anti)-3-[5-(trifluoromethyl)-2-pyridinyl]-3-azabicyclo[3.2.1]oct-8-yl]oxy]phenoxy]-, acetate (ester) (9CI) (CA INDEX NAME)

Relative stereochemistry.



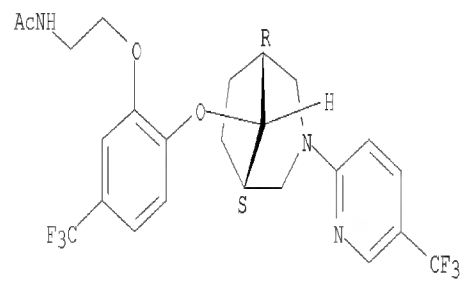
RN 866618-59-9 CAPLUS
CN Ethanamine, 2-[5-(trifluoromethyl)-2-[[(8-anti)-3-[5-(trifluoromethyl)-2-pyridinyl]-3-azabicyclo[3.2.1]oct-8-yl]oxy]phenoxy]- (CA INDEX NAME)

Relative stereochemistry.



RN 866618-60-2 CAPLUS
CN Acetamide, N-[2-[5-(trifluoromethyl)-2-[[(8-anti)-3-[5-(trifluoromethyl)-2-pyridinyl]-3-azabicyclo[3.2.1]oct-8-yl]oxy]phenoxy]ethyl]- (CA INDEX NAME)

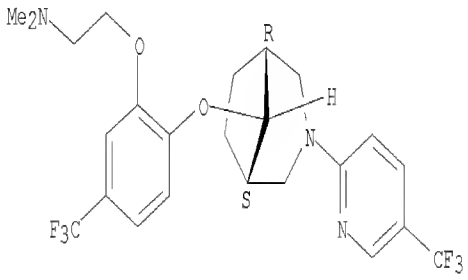
Relative stereochemistry.



RN 866618-61-3 CAPLUS

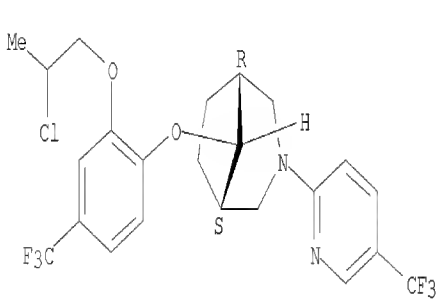
CN Ethanamine, N,N-dimethyl-2-[5-(trifluoromethyl)-2-[[(8-anti)-3-[5-(trifluoromethyl)-2-pyridinyl]-3-azabicyclo[3.2.1]oct-8-yl]oxy]phenoxy]- (CA INDEX NAME)

Relative stereochemistry.



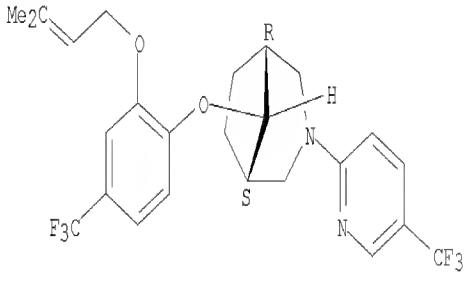
RN 866618-62-4 CAPLUS
CN 3-Azabicyclo[3.2.1]octane, 8-[2-(2-chloropropoxy)-4-(trifluoromethyl)phenoxy]-3-[5-(trifluoromethyl)-2-pyridinyl]-, (8-anti)- (CA INDEX NAME)

Relative stereochemistry.



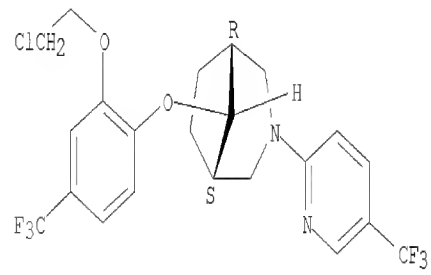
RN 866618-63-5 CAPLUS
CN 3-Azabicyclo[3.2.1]octane, 8-[2-[(3-methyl-2-butenyl)oxy]-4-(trifluoromethyl)phenoxy]-3-[5-(trifluoromethyl)-2-pyridinyl]-, (8-anti)- (9CI) (CA INDEX NAME)

Relative stereochemistry.



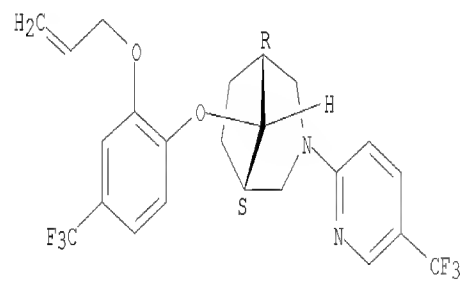
RN 866618-64-6 CAPLUS
CN 3-Azabicyclo[3.2.1]octane, 8-[2-(2-chloroethoxy)-4-(trifluoromethyl)phenoxy]-3-[5-(trifluoromethyl)-2-pyridinyl]-, (8-anti)- (CA INDEX NAME)

Relative stereochemistry.



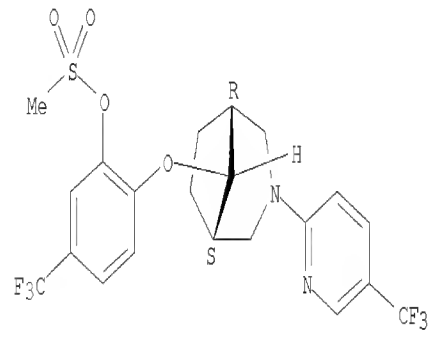
RN 866618-65-7 CAPLUS
CN 3-Azabicyclo[3.2.1]octane, 8-[2-(2-propenyloxy)-4-(trifluoromethyl)phenoxy]-3-[5-(trifluoromethyl)-2-pyridinyl]-, (8-anti)- (9CI) (CA INDEX NAME)

Relative stereochemistry.



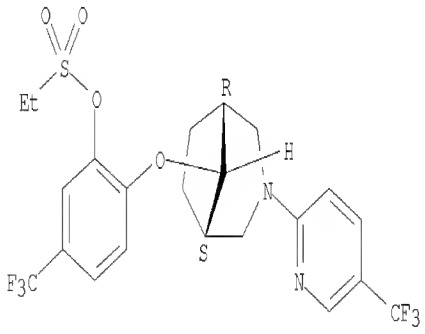
RN 866618-66-8 CAPLUS
CN Phenol, 5-(trifluoromethyl)-2-[[(8-anti)-3-[5-(trifluoromethyl)-2-pyridinyl]-3-azabicyclo[3.2.1]oct-8-yl]oxy]-, methanesulfonate (ester) (9CI) (CA INDEX NAME)

Relative stereochemistry.



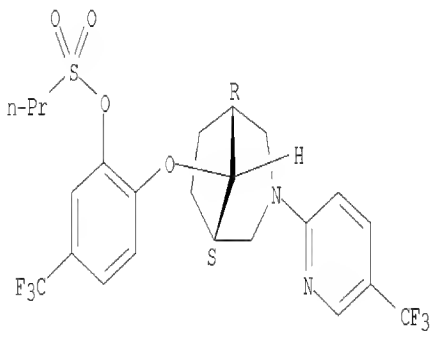
RN 866618-67-9 CAPLUS
CN Ethanesulfonic acid, 5-(trifluoromethyl)-2-[[(8-anti)-3-[5-(trifluoromethyl)-2-pyridinyl]-3-azabicyclo[3.2.1]oct-8-yl]oxy]phenyl ester (CA INDEX NAME)

Relative stereochemistry.



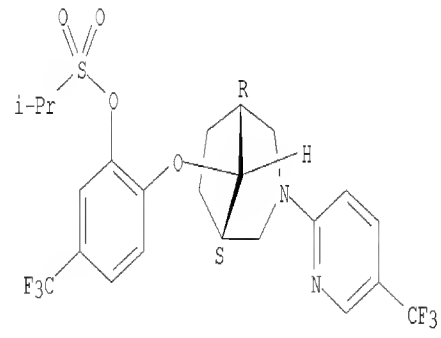
RN 866618-68-0 CAPLUS
CN 1-Propanesulfonic acid, 5-(trifluoromethyl)-2-[[(8-anti)-3-[5-(trifluoromethyl)-2-pyridinyl]-3-azabicyclo[3.2.1]oct-8-yl]oxy]phenyl ester (CA INDEX NAME)

Relative stereochemistry.



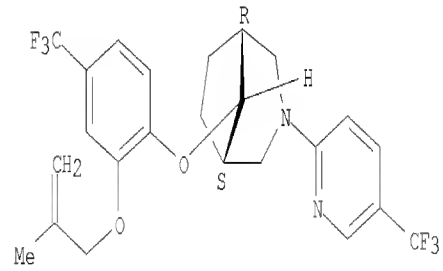
RN 866618-69-1 CAPLUS
CN 2-Propanesulfonic acid, 5-(trifluoromethyl)-2-[[(8-anti)-3-[5-(trifluoromethyl)-2-pyridinyl]-3-azabicyclo[3.2.1]oct-8-yl]oxy]phenyl ester (CA INDEX NAME)

Relative stereochemistry.



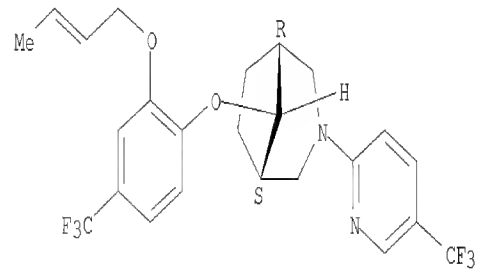
RN 866618-70-4 CAPLUS
CN 3-Azabicyclo[3.2.1]octane, 8-[2-[(2-methyl-2-propenyl)oxy]-4-(trifluoromethyl)phenoxy]-3-[5-(trifluoromethyl)-2-pyridinyl]-, (8-anti)- (9CI) (CA INDEX NAME)

Relative stereochemistry.



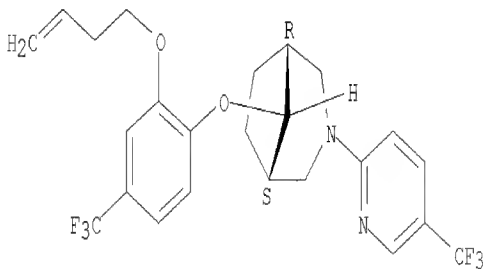
RN 866618-71-5 CAPLUS
CN 3-Azabicyclo[3.2.1]octane, 8-[2-(2-butenyloxy)-4-(trifluoromethyl)phenoxy]-3-[5-(trifluoromethyl)-2-pyridinyl]-, (8-anti)- (9CI) (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry unknown.



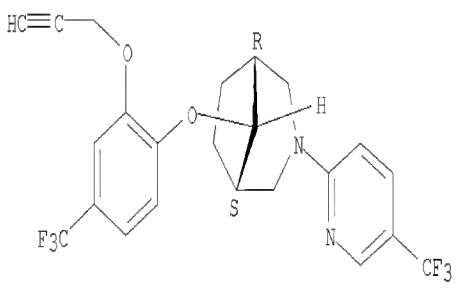
RN 866618-72-6 CAPLUS
CN 3-Azabicyclo[3.2.1]octane, 8-[2-(3-butenyloxy)-4-(trifluoromethyl)phenoxy]-3-[5-(trifluoromethyl)-2-pyridinyl]-, (8-anti)- (9CI) (CA INDEX NAME)

Relative stereochemistry.



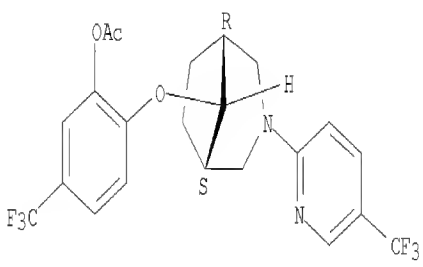
RN 866618-73-7 CAPLUS
CN 3-Azabicyclo[3.2.1]octane, 8-[2-(2-propynyloxy)-4-(trifluoromethyl)phenoxy]-3-[5-(trifluoromethyl)-2-pyridinyl]-, (8-anti)-(9CI) (CA INDEX NAME)

Relative stereochemistry.



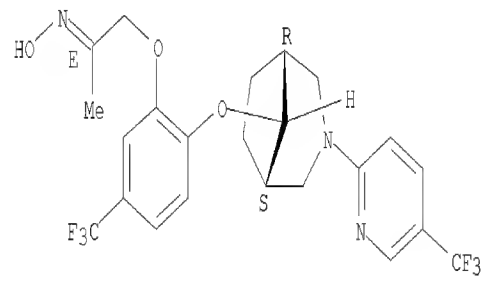
RN 866618-74-8 CAPLUS
CN Phenol, 5-(trifluoromethyl)-2-[[(8-anti)-3-[5-(trifluoromethyl)-2-pyridinyl]-3-azabicyclo[3.2.1]oct-8-yl]oxy]-, acetate (ester) (9CI) (CA INDEX NAME)

Relative stereochemistry.



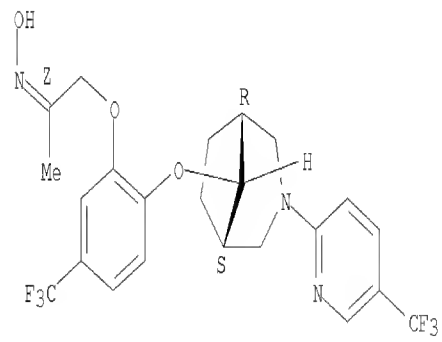
RN 866618-75-9 CAPLUS
CN 2-Propanone, 1-[5-(trifluoromethyl)-2-[[(8-anti)-3-[5-(trifluoromethyl)-2-pyridinyl]-3-azabicyclo[3.2.1]oct-8-yl]oxy]phenoxy]-, oxime, (2E)- (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry as shown.



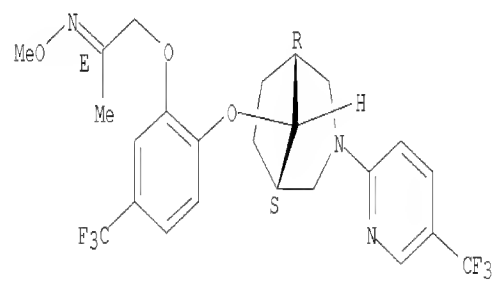
RN 866618-76-0 CAPLUS
CN 2-Propanone, 1-[5-(trifluoromethyl)-2-[[(8-anti)-3-[5-(trifluoromethyl)-2-pyridinyl]-3-azabicyclo[3.2.1]oct-8-yl]oxy]phenoxy]-, oxime, (2Z)- (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry as shown.



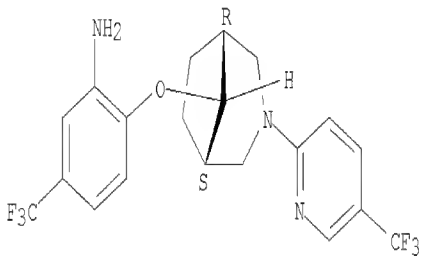
RN 866618-77-1 CAPLUS
CN 2-Propanone, 1-[5-(trifluoromethyl)-2-[[(8-anti)-3-[5-(trifluoromethyl)-2-pyridinyl]-3-azabicyclo[3.2.1]oct-8-yl]oxy]phenoxy]-, O-methyloxime, (2E)- (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry as shown.



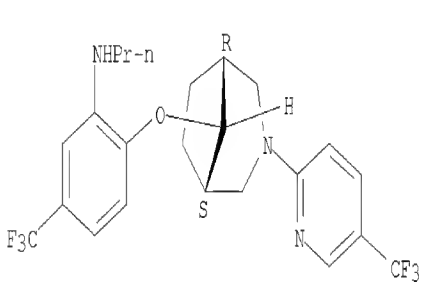
RN 866618-78-2 CAPLUS
CN Benzenamine, 5-(trifluoromethyl)-2-[[(8-anti)-3-[5-(trifluoromethyl)-2-pyridinyl]-3-azabicyclo[3.2.1]oct-8-yl]oxy]- (CA INDEX NAME)

Relative stereochemistry.



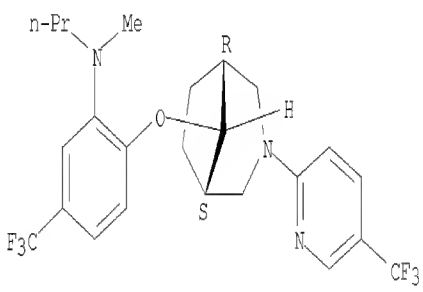
RN 866618-79-3 CAPLUS
CN Benzenamine, N-propyl-5-(trifluoromethyl)-2-[[(8-anti)-3-[5-(trifluoromethyl)-2-pyridinyl]-3-azabicyclo[3.2.1]oct-8-yl]oxy]- (CA INDEX NAME)

Relative stereochemistry.



RN 866618-80-6 CAPLUS
CN Benzenamine, N-methyl-N-propyl-5-(trifluoromethyl)-2-[[(8-anti)-3-[5-(trifluoromethyl)-2-pyridinyl]-3-azabicyclo[3.2.1]oct-8-yl]oxy]- (CA INDEX NAME)

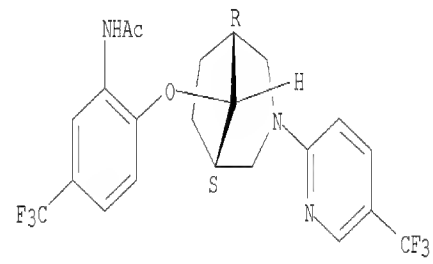
Relative stereochemistry.



RN 866618-81-7 CAPLUS

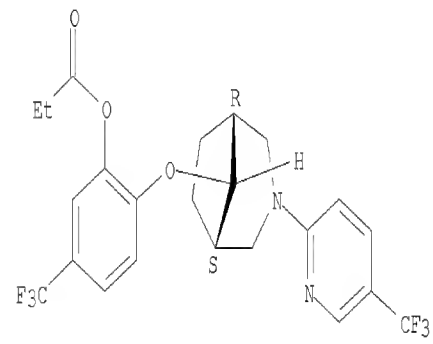
CN Acetamide, N-[5-(trifluoromethyl)-2-[[(8-anti)-3-[5-(trifluoromethyl)-2-pyridinyl]-3-azabicyclo[3.2.1]oct-8-yl]oxy]phenyl]- (CA INDEX NAME)

Relative stereochemistry.



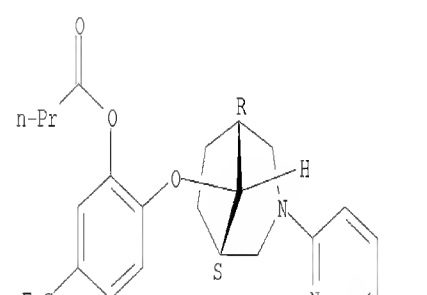
RN 866618-82-8 CAPLUS
CN Phenol, 5-(trifluoromethyl)-2-[[(8-anti)-3-[5-(trifluoromethyl)-2-pyridinyl]-3-azabicyclo[3.2.1]oct-8-yl]oxy]-, propanoate (ester) (9CI) (CA INDEX NAME)

Relative stereochemistry.



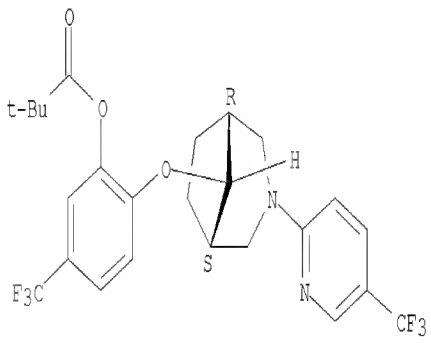
RN 866618-83-9 CAPLUS
CN Butanoic acid, 5-(trifluoromethyl)-2-[[(8-anti)-3-[5-(trifluoromethyl)-2-pyridinyl]-3-azabicyclo[3.2.1]oct-8-yl]oxy]phenyl ester (CA INDEX NAME)

Relative stereochemistry.



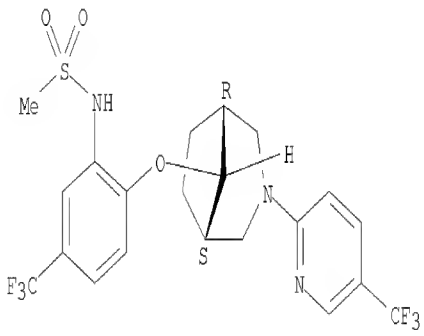
RN 866618-84-0 CAPLUS
CN Propanoic acid, 2,2-dimethyl-, 5-(trifluoromethyl)-2-[[(8-anti)-3-[5-(trifluoromethyl)-2-pyridinyl]-3-azabicyclo[3.2.1]oct-8-yl]oxy]phenyl ester (CA INDEX NAME)

Relative stereochemistry.



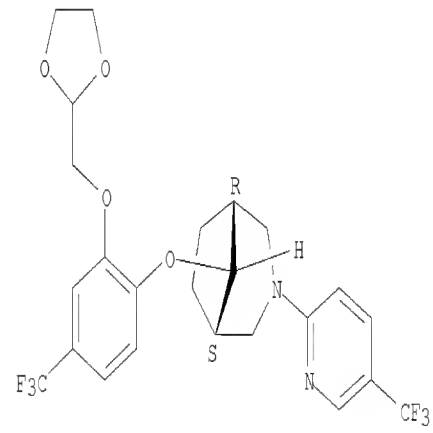
RN 866618-85-1 CAPLUS
CN Methanesulfonamide, N-[5-(trifluoromethyl)-2-[[(8-anti)-3-[5-(trifluoromethyl)-2-pyridinyl]-3-azabicyclo[3.2.1]oct-8-yl]oxy]phenyl]- (CA INDEX NAME)

Relative stereochemistry.



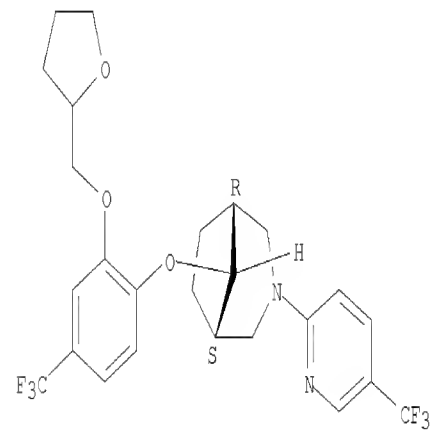
RN 866618-86-2 CAPLUS
CN 3-Azabicyclo[3.2.1]octane, 8-[2-(1,3-dioxolan-2-ylmethoxy)-4-(trifluoromethyl)phenoxy]-3-[5-(trifluoromethyl)-2-pyridinyl]-, (8-anti)- (CA INDEX NAME)

Relative stereochemistry.



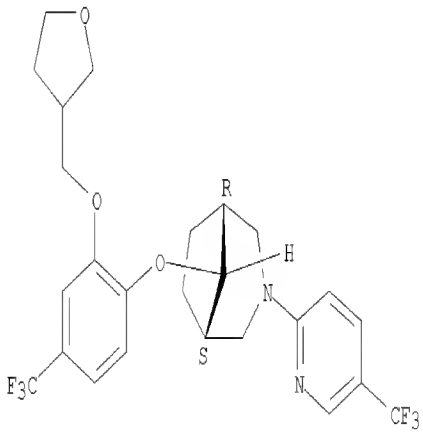
RN 866618-87-3 CAPLUS
CN 3-Azabicyclo[3.2.1]octane, 8-[2-[(tetrahydro-2-furanyl)methoxy]-4-(trifluoromethyl)phenoxy]-3-[5-(trifluoromethyl)-2-pyridinyl]-, (8-anti)- (CA INDEX NAME)

Relative stereochemistry.



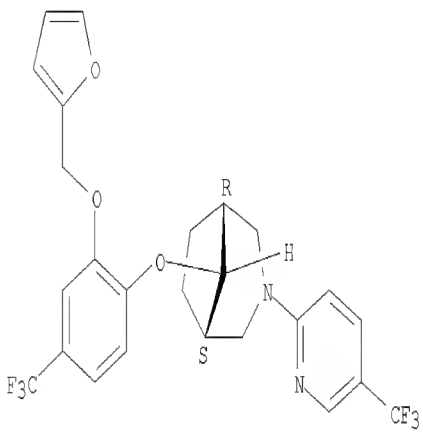
RN 866618-88-4 CAPLUS
CN 3-Azabicyclo[3.2.1]octane, 8-[2-[(tetrahydro-3-furanyl)methoxy]-4-(trifluoromethyl)phenoxy]-3-[5-(trifluoromethyl)-2-pyridinyl]-, (8-anti)- (CA INDEX NAME)

Relative stereochemistry.



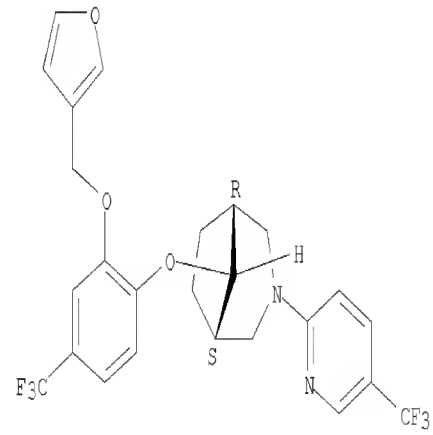
RN 866618-89-5 CAPLUS
CN 3-Azabicyclo[3.2.1]octane, 8-[2-(2-furanylmethoxy)-4-(trifluoromethyl)phenoxy]-3-[5-(trifluoromethyl)-2-pyridinyl]-, (8-anti)-(CA INDEX NAME)

Relative stereochemistry.



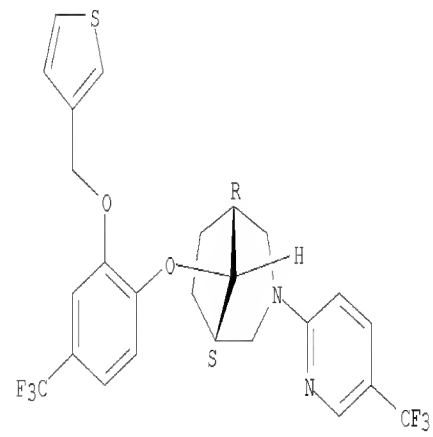
RN 866618-90-8 CAPLUS
CN 3-Azabicyclo[3.2.1]octane, 8-[2-(3-furanylmethoxy)-4-(trifluoromethyl)phenoxy]-3-[5-(trifluoromethyl)-2-pyridinyl]-, (8-anti)-(CA INDEX NAME)

Relative stereochemistry.



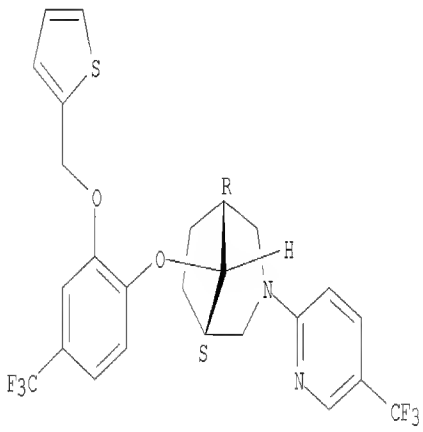
RN 866618-91-9 CAPLUS
CN 3-Azabicyclo[3.2.1]octane, 8-[2-(3-thienylmethoxy)-4-(trifluoromethyl)phenoxy]-3-[5-(trifluoromethyl)-2-pyridinyl]-, (8-anti)-(CA INDEX NAME)

Relative stereochemistry.



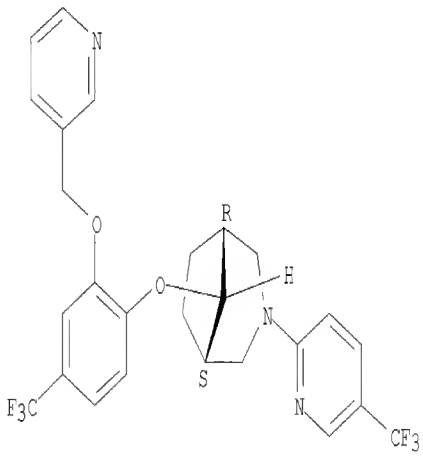
RN 866618-92-0 CAPLUS
CN 3-Azabicyclo[3.2.1]octane, 8-[2-(2-thienylmethoxy)-4-(trifluoromethyl)phenoxy]-3-[5-(trifluoromethyl)-2-pyridinyl]-, (8-anti)-(CA INDEX NAME)

Relative stereochemistry.



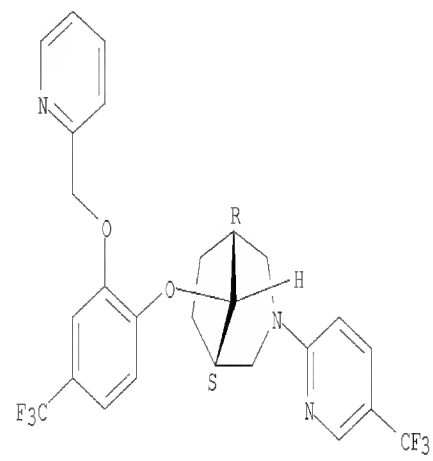
RN 866618-93-1 CAPLUS
CN 3-Azabicyclo[3.2.1]octane, 8-[2-(3-pyridinylmethoxy)-4-(trifluoromethyl)phenoxy]-3-[5-(trifluoromethyl)-2-pyridinyl]-, (8-anti)-(CA INDEX NAME)

Relative stereochemistry.



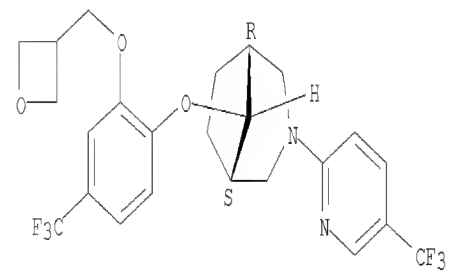
RN 866618-94-2 CAPLUS
CN 3-Azabicyclo[3.2.1]octane, 8-[2-(2-pyridinylmethoxy)-4-(trifluoromethyl)phenoxy]-3-[5-(trifluoromethyl)-2-pyridinyl]-, (8-anti)-(CA INDEX NAME)

Relative stereochemistry.



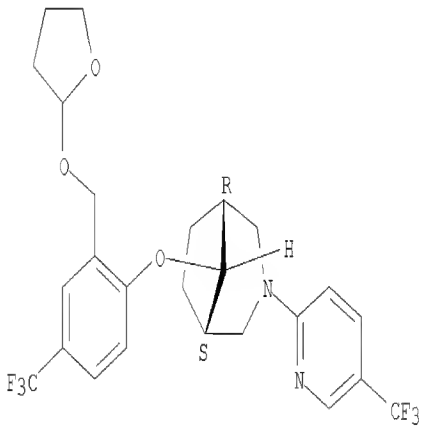
RN 866618-95-3 CAPLUS
CN 3-Azabicyclo[3.2.1]octane, 8-[2-(3-oxetanylmethoxy)-4-(trifluoromethyl)phenoxy]-3-[5-(trifluoromethyl)-2-pyridinyl]-, (8-anti)-(CA INDEX NAME)

Relative stereochemistry.



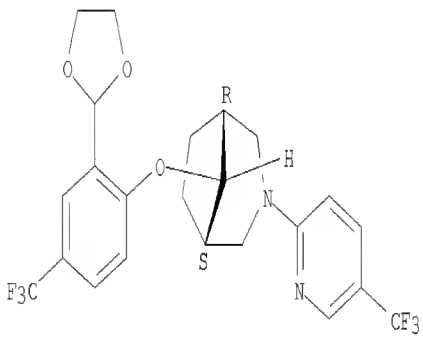
RN 866618-96-4 CAPLUS
CN 3-Azabicyclo[3.2.1]octane, 8-[2-[[(tetrahydro-2-furanyl)oxy]methyl]-4-(trifluoromethyl)phenoxy]-3-[5-(trifluoromethyl)-2-pyridinyl]-, (8-anti)-(CA INDEX NAME)

Relative stereochemistry.



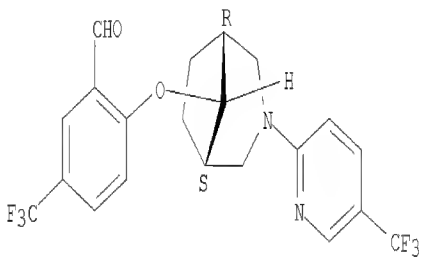
RN 866618-97-5 CAPLUS
CN 3-Azabicyclo[3.2.1]octane, 8-[2-(1,3-dioxolan-2-yl)-4-(trifluoromethyl)phenoxy]-3-[5-(trifluoromethyl)-2-pyridinyl]-, (8-anti)- (CA INDEX NAME)

Relative stereochemistry.



RN 866618-98-6 CAPLUS
CN Benzaldehyde, 5-(trifluoromethyl)-2-[[(8-anti)-3-[5-(trifluoromethyl)-2-pyridinyl]-3-azabicyclo[3.2.1]oct-8-yl]oxy]- (CA INDEX NAME)

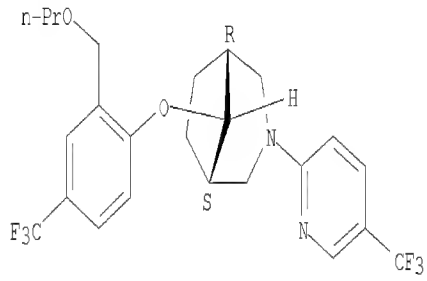
Relative stereochemistry.



RN 866618-99-7 CAPLUS

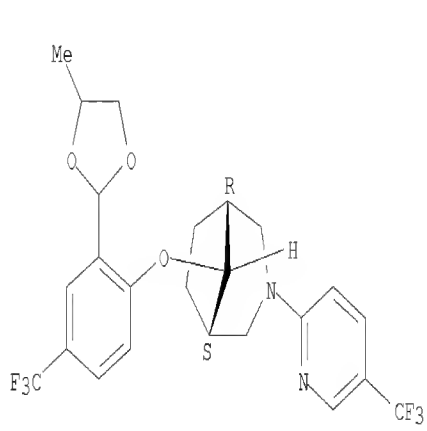
CN 3-Azabicyclo[3.2.1]octane, 8-[2-(propoxymethyl)-4-(trifluoromethyl)phenoxy]-3-[5-(trifluoromethyl)-2-pyridinyl]-, (8-anti)- (CA INDEX NAME)

Relative stereochemistry.



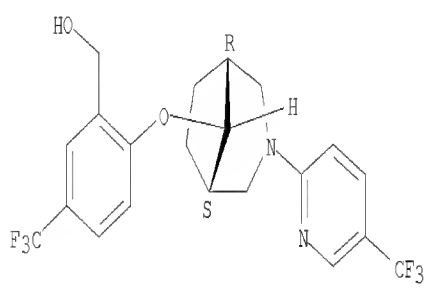
RN 866619-00-3 CAPLUS
CN 3-Azabicyclo[3.2.1]octane, 8-[2-(4-methyl-1,3-dioxolan-2-yl)-4-(trifluoromethyl)phenoxy]-3-[5-(trifluoromethyl)-2-pyridinyl]-, (8-anti)- (CA INDEX NAME)

Relative stereochemistry.



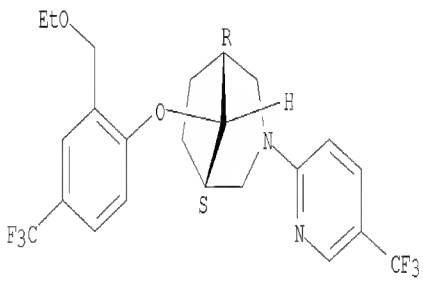
RN 866619-01-4 CAPLUS
CN Benzenemethanol, 5-(trifluoromethyl)-2-[[(8-anti)-3-[5-(trifluoromethyl)-2-pyridinyl]-3-azabicyclo[3.2.1]oct-8-yl]oxy]- (CA INDEX NAME)

Relative stereochemistry.



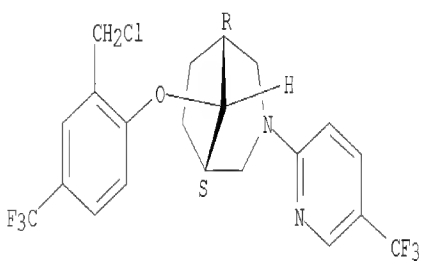
RN 866619-02-5 CAPLUS
CN 3-Azabicyclo[3.2.1]octane, 8-[2-(ethoxymethyl)-4-(trifluoromethyl)phenoxy]-3-[5-(trifluoromethyl)-2-pyridinyl]-, (8-anti)- (CA INDEX NAME)

Relative stereochemistry.



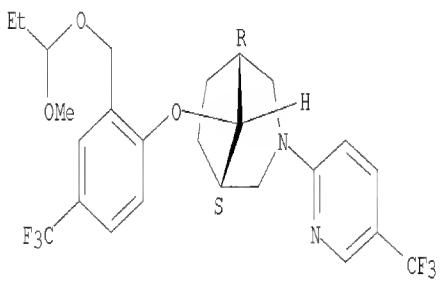
RN 866619-03-6 CAPLUS
CN 3-Azabicyclo[3.2.1]octane, 8-[2-(chloromethyl)-4-(trifluoromethyl)phenoxy]-3-[5-(trifluoromethyl)-2-pyridinyl]-, (8-anti)- (CA INDEX NAME)

Relative stereochemistry.



RN 866619-04-7 CAPLUS
CN 3-Azabicyclo[3.2.1]octane, 8-[2-[(1-methoxypropoxy)methyl]-4-(trifluoromethyl)phenoxy]-3-[5-(trifluoromethyl)-2-pyridinyl]-, (8-anti)- (CA INDEX NAME)

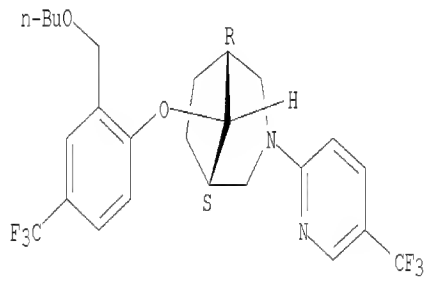
Relative stereochemistry.



RN 866619-05-8 CAPLUS

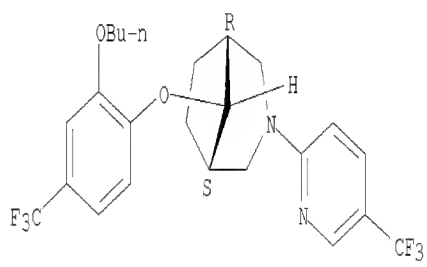
CN 3-Azabicyclo[3.2.1]octane, 8-[2-(butoxymethyl)-4-(trifluoromethyl)phenoxy]-3-[5-(trifluoromethyl)-2-pyridinyl]-, (8-anti)- (CA INDEX NAME)

Relative stereochemistry.



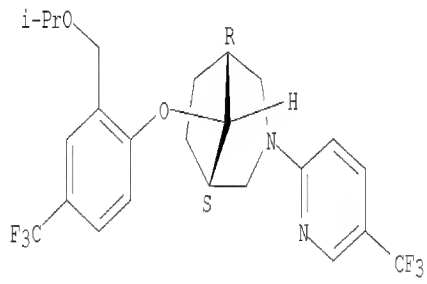
RN 866619-06-9 CAPLUS
CN 3-Azabicyclo[3.2.1]octane, 8-[2-butoxy-4-(trifluoromethyl)phenoxy]-3-[5-(trifluoromethyl)-2-pyridinyl]-, (8-anti)- (CA INDEX NAME)

Relative stereochemistry.



RN 866619-07-0 CAPLUS
CN 3-Azabicyclo[3.2.1]octane, 8-[2-[(1-methylethoxy)methyl]-4-(trifluoromethyl)phenoxy]-3-[5-(trifluoromethyl)-2-pyridinyl]-, (8-anti)- (CA INDEX NAME)

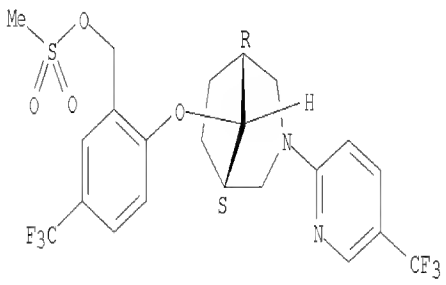
Relative stereochemistry.



RN 866619-08-1 CAPLUS
CN Benzenemethanol, 5-(trifluoromethyl)-2-[[(8-anti)-3-[5-(trifluoromethyl)-2-pyridinyl]-3-azabicyclo[3.2.1]oct-8-yl]oxy]-, methanesulfonate (ester)

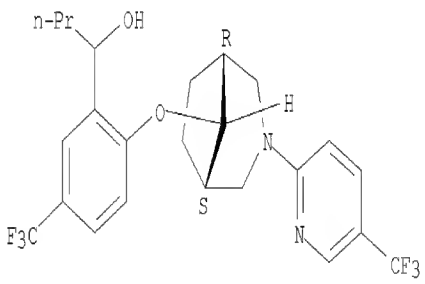
(9CI) (CA INDEX NAME)

Relative stereochemistry.



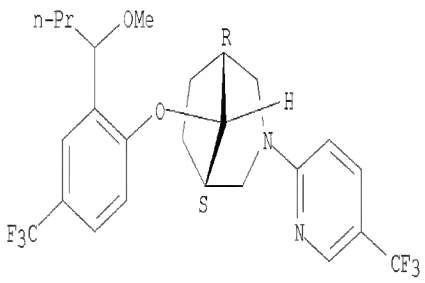
RN 866619-09-2 CAPLUS
CN Benzenemethanol, α-propyl-5-(trifluoromethyl)-2-[[(8-anti)-3-[5-(trifluoromethyl)-2-pyridinyl]-3-azabicyclo[3.2.1]oct-8-yl]oxy]- (CA INDEX NAME)

Relative stereochemistry.



RN 866619-10-5 CAPLUS
CN 3-Azabicyclo[3.2.1]octane, 8-[2-(1-methoxybutyl)-4-(trifluoromethyl)phenoxy]-3-[5-(trifluoromethyl)-2-pyridinyl]-, (8-anti)- (CA INDEX NAME)

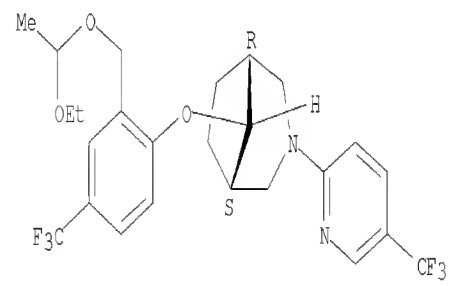
Relative stereochemistry.



RN 866619-11-6 CAPLUS
CN 3-Azabicyclo[3.2.1]octane, 8-[2-[(1-ethoxyethoxy)methyl]-4-

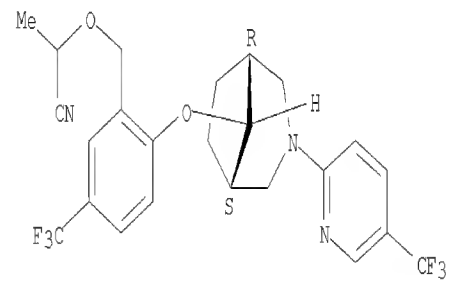
(trifluoromethyl)phenoxy]-3-[5-(trifluoromethyl)-2-pyridinyl]-, (8-anti)- (CA INDEX NAME)

Relative stereochemistry.



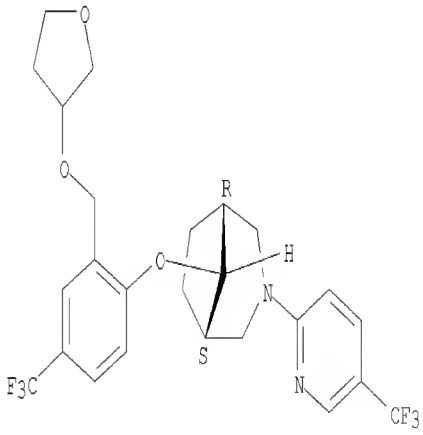
RN 866619-12-7 CAPLUS
CN Propanenitrile, 2-[[5-(trifluoromethyl)-2-[[(8-anti)-3-[5-(trifluoromethyl)-2-pyridinyl]-3-azabicyclo[3.2.1]oct-8-yl]oxy]phenyl]methoxy]- (CA INDEX NAME)

Relative stereochemistry.



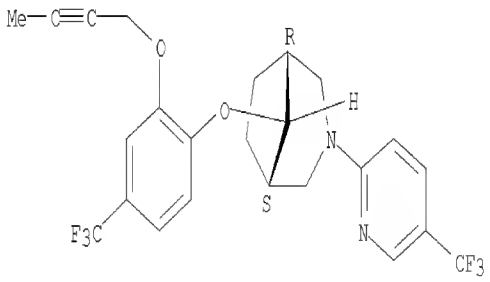
RN 866619-13-8 CAPLUS
CN 3-Azabicyclo[3.2.1]octane, 8-[2-[[(tetrahydro-3-furanyl)oxy]methyl]-4-(trifluoromethyl)phenoxy]-3-[5-(trifluoromethyl)-2-pyridinyl]-, (8-anti)- (CA INDEX NAME)

Relative stereochemistry.



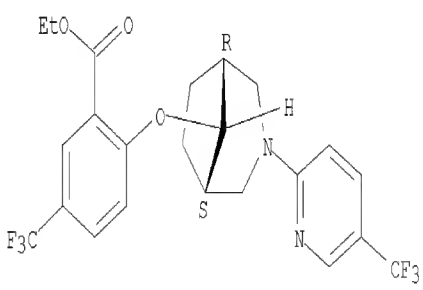
RN 866619-14-9 CAPLUS
CN 3-Azabicyclo[3.2.1]octane, 8-[2-(2-butynyloxy)-4-(trifluoromethyl)phenoxy]-3-[5-(trifluoromethyl)-2-pyridinyl]-, (8-anti)- (9CI) (CA INDEX NAME)

Relative stereochemistry.



RN 866619-15-0 CAPLUS
CN Benzoic acid, 5-(trifluoromethyl)-2-[[(8-anti)-3-[5-(trifluoromethyl)-2-pyridinyl]-3-azabicyclo[3.2.1]oct-8-yl]oxy]-, ethyl ester (CA INDEX NAME)

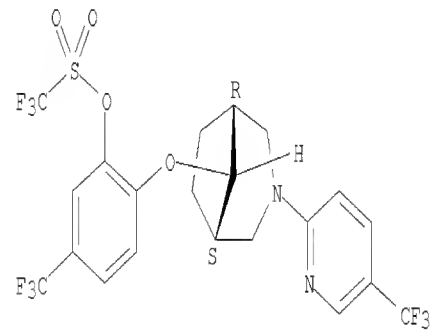
Relative stereochemistry.



RN 866619-16-1 CAPLUS
CN Methanesulfonic acid, trifluoro-, 5-(trifluoromethyl)-2-[[(8-anti)-3-[5-(trifluoromethyl)-2-pyridinyl]-3-azabicyclo[3.2.1]oct-8-yl]oxy]phenyl

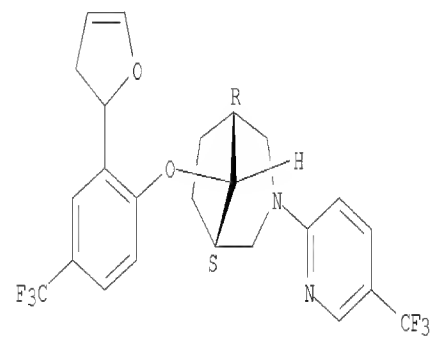
ester (9CI) (CA INDEX NAME)

Relative stereochemistry.



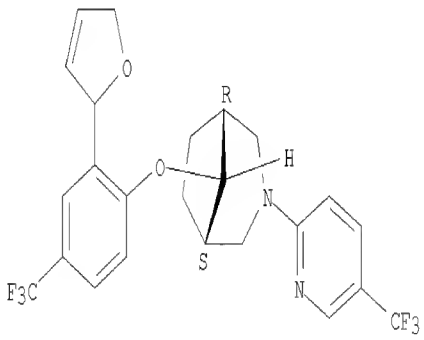
RN 866619-17-2 CAPLUS
CN 3-Azabicyclo[3.2.1]octane, 8-[2-(2,3-dihydro-2-furanyl)-4-(trifluoromethyl)phenoxy]-3-[5-(trifluoromethyl)-2-pyridinyl]-, (8-anti)- (CA INDEX NAME)

Relative stereochemistry.



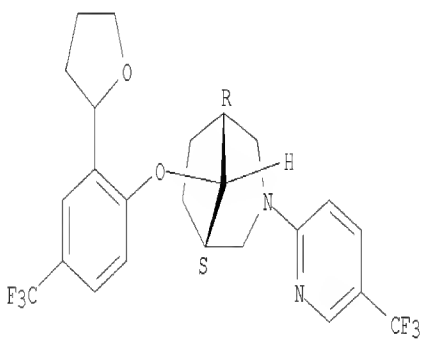
RN 866619-18-3 CAPLUS
CN 3-Azabicyclo[3.2.1]octane, 8-[2-(2,5-dihydro-2-furanyl)-4-(trifluoromethyl)phenoxy]-3-[5-(trifluoromethyl)-2-pyridinyl]-, (8-anti)- (CA INDEX NAME)

Relative stereochemistry.



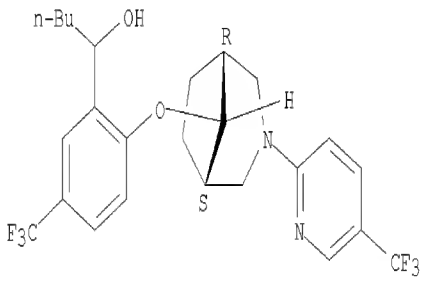
RN 866619-19-4 CAPLUS
CN 3-Azabicyclo[3.2.1]octane, 8-[2-(tetrahydro-2-furanyl)-4-(trifluoromethyl)phenoxy]-3-[5-(trifluoromethyl)-2-pyridinyl]-, (8-anti)- (CA INDEX NAME)

Relative stereochemistry.



RN 866619-20-7 CAPLUS
CN Benzenemethanol, α-butyl-5-(trifluoromethyl)-2-[[(8-anti)-3-[5-(trifluoromethyl)-2-pyridinyl]-3-azabicyclo[3.2.1]oct-8-yl]oxy]- (CA INDEX NAME)

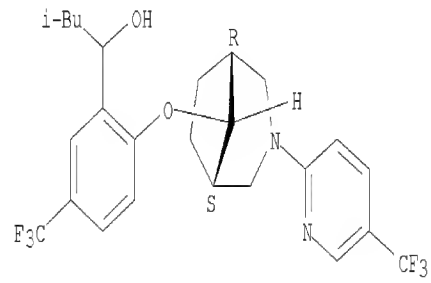
Relative stereochemistry.



RN 866619-21-8 CAPLUS
CN Benzenemethanol, α-(2-methylpropyl)-5-(trifluoromethyl)-2-[[(8-anti)-

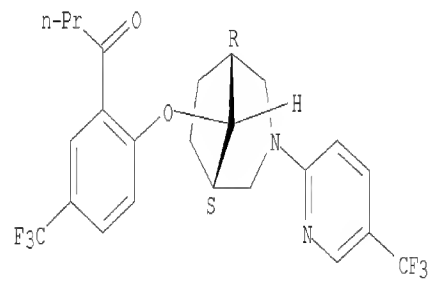
3-[5-(trifluoromethyl)-2-pyridinyl]-3-azabicyclo[3.2.1]oct-8-yl]oxy]- (CA INDEX NAME)

Relative stereochemistry.



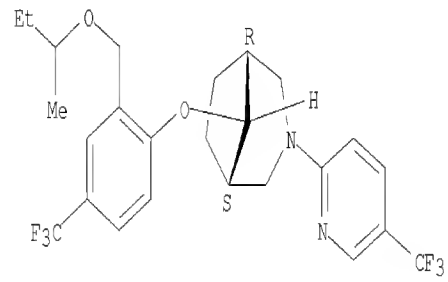
RN 866619-22-9 CAPLUS
CN 1-Butanone, 1-[5-(trifluoromethyl)-2-[[(8-anti)-3-[5-(trifluoromethyl)-2-pyridinyl]-3-azabicyclo[3.2.1]oct-8-yl]oxy]phenyl]- (CA INDEX NAME)

Relative stereochemistry.



RN 866619-23-0 CAPLUS
CN 3-Azabicyclo[3.2.1]octane, 8-[2-[(1-methylpropoxy)methyl]-4-(trifluoromethyl)phenoxy]-3-[5-(trifluoromethyl)-2-pyridinyl]-, (8-anti)- (CA INDEX NAME)

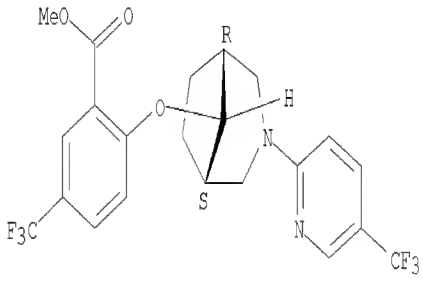
Relative stereochemistry.



RN 866619-24-1 CAPLUS
CN Benzoic acid, 5-(trifluoromethyl)-2-[[(8-anti)-3-[5-(trifluoromethyl)-2-

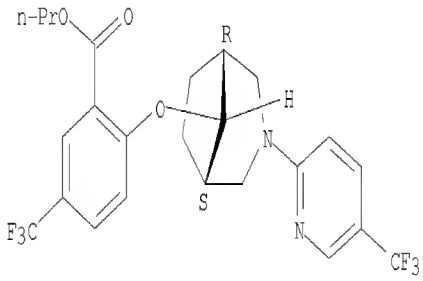
pyridinyl]-3-azabicyclo[3.2.1]oct-8-yl]oxy]-, methyl ester (CA INDEX NAME)

Relative stereochemistry.



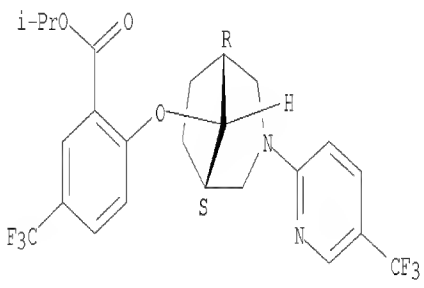
RN 866619-25-2 CAPLUS
CN Benzoic acid, 5-(trifluoromethyl)-2-[[(8-anti)-3-[5-(trifluoromethyl)-2-pyridinyl]-3-azabicyclo[3.2.1]oct-8-yl]oxy]-, propyl ester (CA INDEX NAME)

Relative stereochemistry.



RN 866619-26-3 CAPLUS
CN Benzoic acid, 5-(trifluoromethyl)-2-[[(8-anti)-3-[5-(trifluoromethyl)-2-pyridinyl]-3-azabicyclo[3.2.1]oct-8-yl]oxy]-, 1-methylethyl ester (CA INDEX NAME)

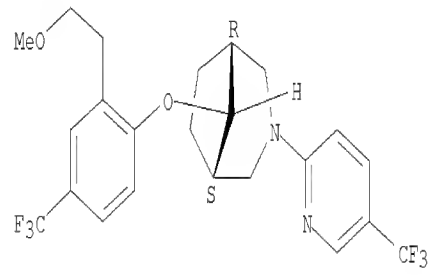
Relative stereochemistry.



RN 866619-27-4 CAPLUS

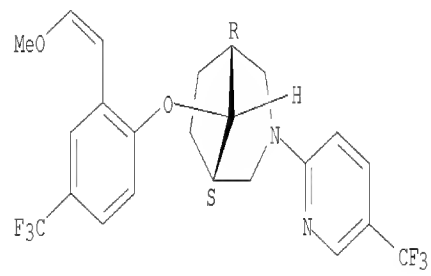
CN 3-Azabicyclo[3.2.1]octane, 8-[2-(2-methoxyethyl)-4-(trifluoromethyl)phenoxy]-3-[5-(trifluoromethyl)-2-pyridinyl]-, (8-anti)- (CA INDEX NAME)

Relative stereochemistry.



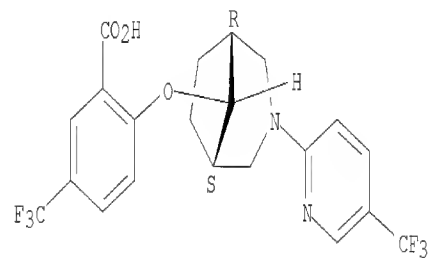
RN 866619-28-5 CAPLUS
CN 3-Azabicyclo[3.2.1]octane, 8-[2-(2-methoxyethenyl)-4-(trifluoromethyl)phenoxy]-3-[5-(trifluoromethyl)-2-pyridinyl]-, (8-anti)- (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry unknown.



RN 866619-29-6 CAPLUS
CN Benzoic acid, 5-(trifluoromethyl)-2-[[(8-anti)-3-[5-(trifluoromethyl)-2-pyridinyl]-3-azabicyclo[3.2.1]oct-8-yl]oxy]- (CA INDEX NAME)

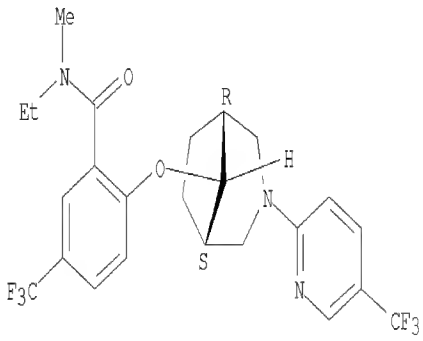
Relative stereochemistry.



RN 866619-30-9 CAPLUS

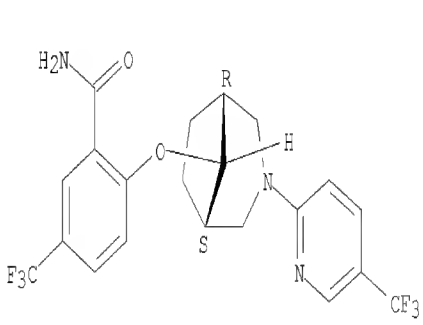
CN Benzamide, N-ethyl-N-methyl-5-(trifluoromethyl)-2-[[(8-anti)-3-[5-(trifluoromethyl)-2-pyridinyl]-3-azabicyclo[3.2.1]oct-8-yl]oxy]- (CA INDEX NAME)

Relative stereochemistry.



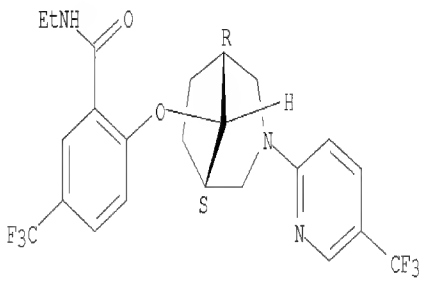
RN 866619-31-0 CAPLUS
CN Benzamide, 5-(trifluoromethyl)-2-[[(8-anti)-3-[5-(trifluoromethyl)-2-pyridinyl]-3-azabicyclo[3.2.1]oct-8-yl]oxy]- (CA INDEX NAME)

Relative stereochemistry.



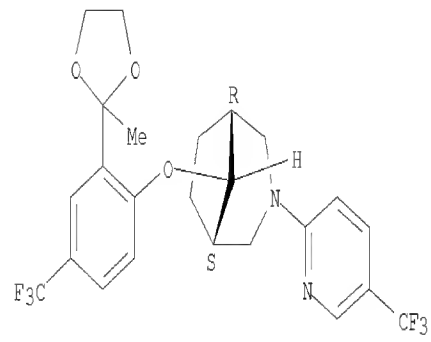
RN 866619-32-1 CAPLUS
CN Benzamide, N-ethyl-5-(trifluoromethyl)-2-[[(8-anti)-3-[5-(trifluoromethyl)-2-pyridinyl]-3-azabicyclo[3.2.1]oct-8-yl]oxy]- (CA INDEX NAME)

Relative stereochemistry.



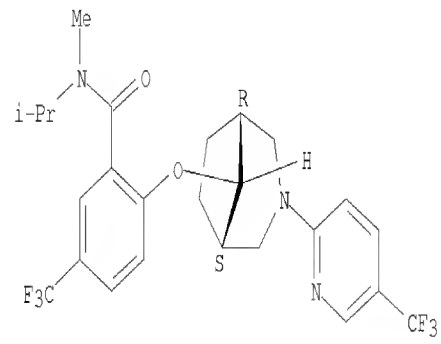
RN 866619-33-2 CAPLUS
CN 3-Azabicyclo[3.2.1]octane, 8-[2-(2-methyl-1,3-dioxolan-2-yl)-4-(trifluoromethyl)phenoxy]-3-[5-(trifluoromethyl)-2-pyridinyl]-, (8-anti)- (CA INDEX NAME)

Relative stereochemistry.



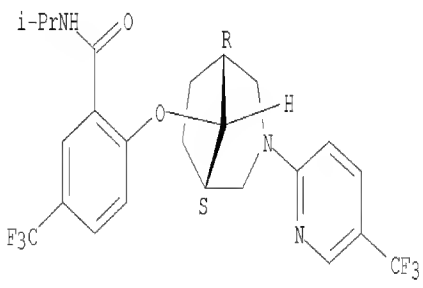
RN 866619-34-3 CAPLUS
CN Benzamide, N-methyl-N-(1-methylethyl)-5-(trifluoromethyl)-2-[[(8-anti)-3-[5-(trifluoromethyl)-2-pyridinyl]-3-azabicyclo[3.2.1]oct-8-yl]oxy]- (CA INDEX NAME)

Relative stereochemistry.



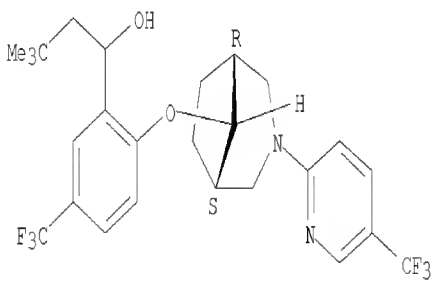
RN 866619-35-4 CAPLUS
CN Benzamide, N-(1-methylethyl)-5-(trifluoromethyl)-2-[[(8-anti)-3-[5-(trifluoromethyl)-2-pyridinyl]-3-azabicyclo[3.2.1]oct-8-yl]oxy]- (CA INDEX NAME)

Relative stereochemistry.



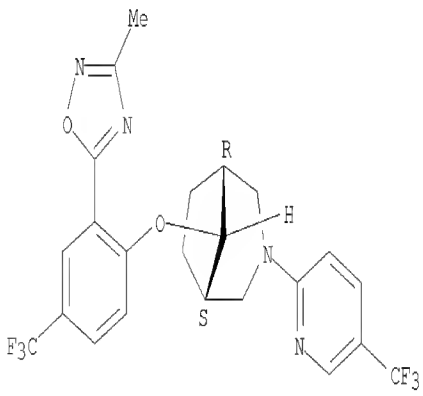
RN 866619-36-5 CAPLUS
CN Benzenemethanol, α-(2,2-dimethylpropyl)-5-(trifluoromethyl)-2-[[(8-anti)-3-[5-(trifluoromethyl)-2-pyridinyl]-3-azabicyclo[3.2.1]oct-8-yl]oxy]- (CA INDEX NAME)

Relative stereochemistry.



RN 866619-37-6 CAPLUS
CN 3-Azabicyclo[3.2.1]octane, 8-[2-(3-methyl-1,2,4-oxadiazol-5-yl)-4-(trifluoromethyl)phenoxy]-3-[5-(trifluoromethyl)-2-pyridinyl]-, (8-anti)- (CA INDEX NAME)

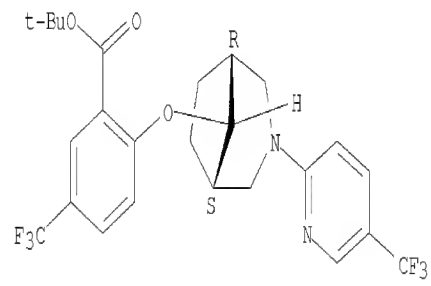
Relative stereochemistry.



RN 866619-38-7 CAPLUS
CN Benzoic acid, 5-(trifluoromethyl)-2-[[(8-anti)-3-[5-(trifluoromethyl)-2-

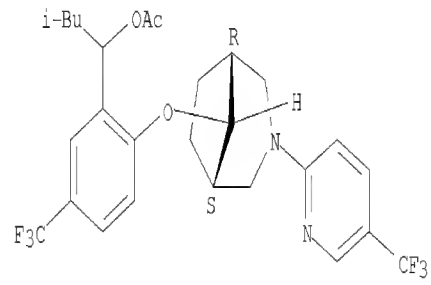
pyridinyl]-3-azabicyclo[3.2.1]oct-8-yl]oxy]-, 1,1-dimethylethyl ester (CA INDEX NAME)

Relative stereochemistry.



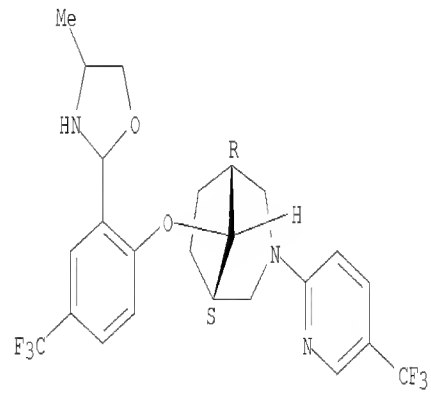
RN 866619-39-8 CAPLUS
CN Benzenemethanol, α-(2-methylpropyl)-5-(trifluoromethyl)-2-[[(8-anti)-3-[5-(trifluoromethyl)-2-pyridinyl]-3-azabicyclo[3.2.1]oct-8-yl]oxy]-, acetate (ester) (9CI) (CA INDEX NAME)

Relative stereochemistry.



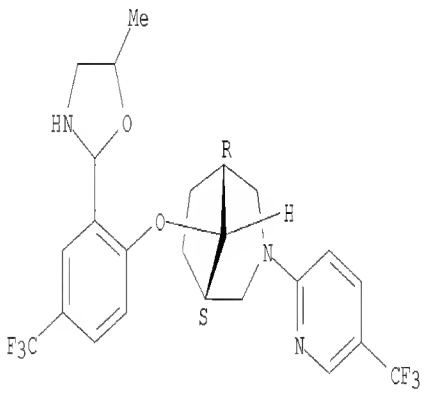
RN 866619-40-1 CAPLUS
CN 3-Azabicyclo[3.2.1]octane, 8-[2-(4-methyl-2-oxazolidinyl)-4-(trifluoromethyl)phenoxy]-3-[5-(trifluoromethyl)-2-pyridinyl]-, (8-anti)- (CA INDEX NAME)

Relative stereochemistry.



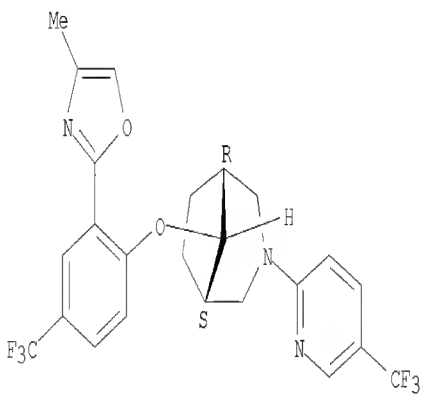
RN 866619-41-2 CAPLUS
CN 3-Azabicyclo[3.2.1]octane, 8-[2-(5-methyl-2-oxazolidinyl)-4-(trifluoromethyl)phenoxy]-3-[5-(trifluoromethyl)-2-pyridinyl]-, (8-anti)-(CA INDEX NAME)

Relative stereochemistry.



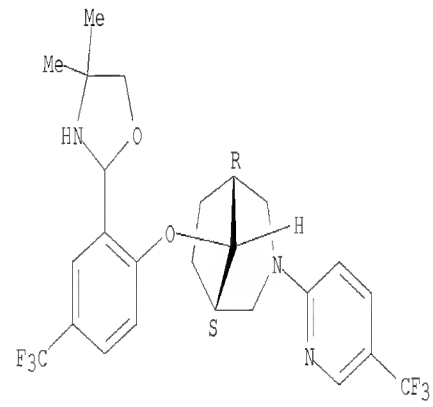
RN 866619-42-3 CAPLUS
CN 3-Azabicyclo[3.2.1]octane, 8-[2-(4-methyl-2-oxazolyl)-4-(trifluoromethyl)phenoxy]-3-[5-(trifluoromethyl)-2-pyridinyl]-, (8-anti)-(CA INDEX NAME)

Relative stereochemistry.



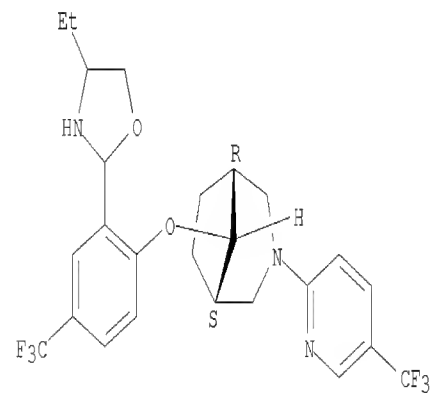
RN 866619-43-4 CAPLUS
CN 3-Azabicyclo[3.2.1]octane, 8-[2-(4,4-dimethyl-2-oxazolidinyl)-4-(trifluoromethyl)phenoxy]-3-[5-(trifluoromethyl)-2-pyridinyl]-, (8-anti)-(CA INDEX NAME)

Relative stereochemistry.



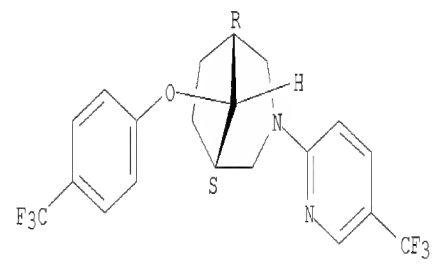
RN 866619-44-5 CAPLUS
CN 3-Azabicyclo[3.2.1]octane, 8-[2-(4-ethyl-2-oxazolidinyl)-4-(trifluoromethyl)phenoxy]-3-[5-(trifluoromethyl)-2-pyridinyl]-, (8-anti)-(CA INDEX NAME)

Relative stereochemistry.



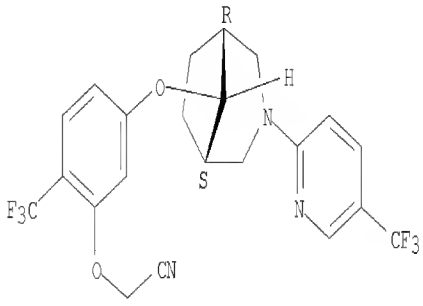
RN 866619-45-6 CAPLUS
CN 3-Azabicyclo[3.2.1]octane, 8-[4-(trifluoromethyl)phenoxy]-3-[5-(trifluoromethyl)-2-pyridinyl]-, (8-anti)- (CA INDEX NAME)

Relative stereochemistry.



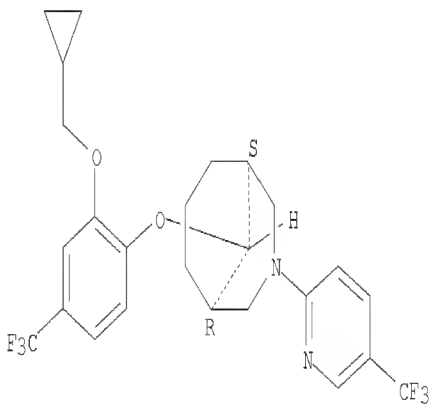
RN 866619-46-7 CAPLUS
CN Acetonitrile, [2-(trifluoromethyl)-5-[[(8-anti)-3-[5-(trifluoromethyl)-2-pyridinyl]-3-azabicyclo[3.2.1]oct-8-yl]oxy]phenoxy]- (9CI) (CA INDEX NAME)

Relative stereochemistry.

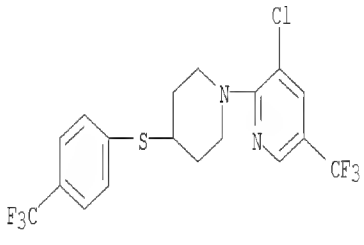


RN 866619-47-8 CAPLUS
CN 3-Azabicyclo[3.3.1]nonane, 9-[2-(cyclopropylmethoxy)-4-(trifluoromethyl)phenoxy]-3-[5-(trifluoromethyl)-2-pyridinyl]-, (9-anti)- (CA INDEX NAME)

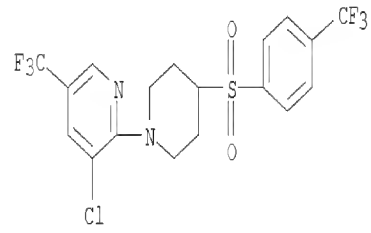
Relative stereochemistry.



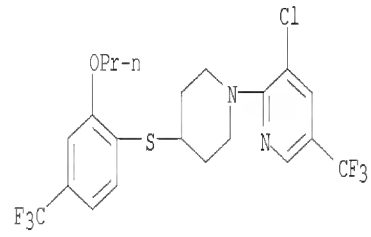
RN 866619-51-4 CAPLUS
CN Pyridine, 3-chloro-5-(trifluoromethyl)-2-[4-[[4-(trifluoromethyl)phenyl]thio]-1-piperidinyl]- (CA INDEX NAME)



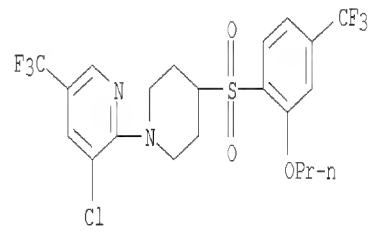
RN 866619-52-5 CAPLUS
CN Pyridine, 3-chloro-5-(trifluoromethyl)-2-[4-[[4-(trifluoromethyl)phenyl]sulfonyl]-1-piperidinyl]- (CA INDEX NAME)



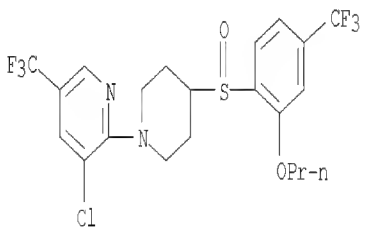
RN 866619-53-6 CAPLUS
CN Pyridine, 3-chloro-2-[4-[[2-propoxy-4-(trifluoromethyl)phenyl]thio]-1-piperidinyl]-5-(trifluoromethyl)- (CA INDEX NAME)



RN 866619-54-7 CAPLUS
CN Pyridine, 3-chloro-2-[4-[[2-propoxy-4-(trifluoromethyl)phenyl]sulfonyl]-1-piperidinyl]-5-(trifluoromethyl)- (CA INDEX NAME)

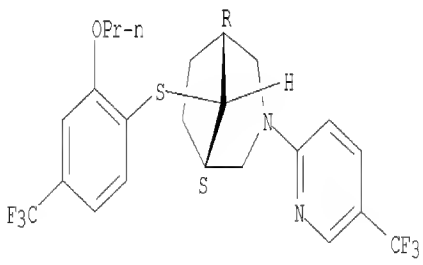


RN 866619-55-8 CAPLUS
CN Pyridine, 3-chloro-2-[4-[[2-propoxy-4-(trifluoromethyl)phenyl]sulfinyl]-1-piperidinyl]-5-(trifluoromethyl)- (CA INDEX NAME)



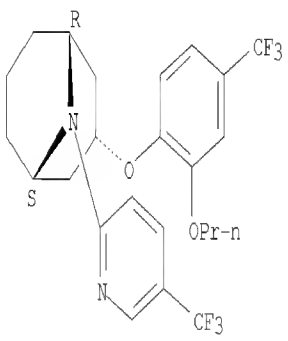
RN 866619-56-9 CAPLUS
CN 3-Azabicyclo[3.2.1]octane, 8-[[2-propoxy-4-(trifluoromethyl)phenyl]thio]-3-[5-(trifluoromethyl)-2-pyridinyl]-, (8-anti)- (CA INDEX NAME)

Relative stereochemistry.



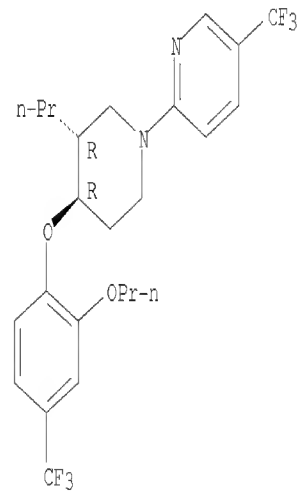
RN 866619-57-0 CAPLUS
CN 9-Azabicyclo[3.3.1]nonane, 3-[2-propoxy-4-(trifluoromethyl)phenoxy]-9-[5-(trifluoromethyl)-2-pyridinyl]-, (3-endo)- (9CI) (CA INDEX NAME)

Relative stereochemistry.

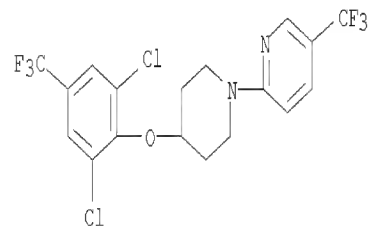


RN 866619-58-1 CAPLUS
CN Pyridine, 2-[(3R,4R)-4-[2-propoxy-4-(trifluoromethyl)phenoxy]-3-propyl-1-piperidinyl]-5-(trifluoromethyl)-, rel- (CA INDEX NAME)

Relative stereochemistry.

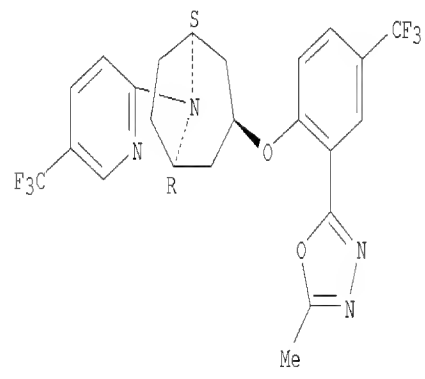


RN 866622-00-6 CAPLUS
CN Pyridine, 2-[4-[2,6-dichloro-4-(trifluoromethyl)phenoxy]-1-piperidinyl]-5-(trifluoromethyl)- (CA INDEX NAME)



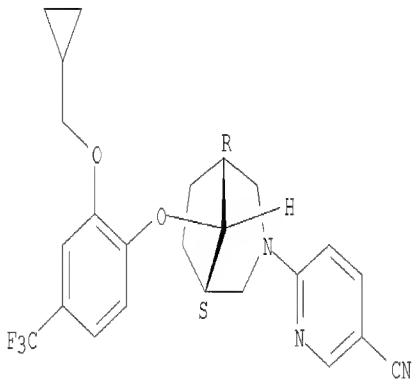
RN 866622-02-8 CAPLUS
CN 8-Azabicyclo[3.2.1]octane, 3-[2-(5-methyl-1,3,4-oxadiazol-2-yl)-4-(trifluoromethyl)phenoxy]-8-[5-(trifluoromethyl)-2-pyridinyl]-, (3-endo)- (CA INDEX NAME)

Relative stereochemistry.



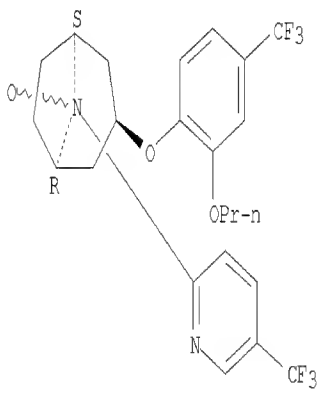
RN 866622-05-1 CAPLUS
CN 3-Pyridinecarbonitrile, 6-[(8-syn)-8-[2-(cyclopropylmethoxy)-4-(trifluoromethyl)phenoxy]-3-azabicyclo[3.2.1]oct-3-yl]- (CA INDEX NAME)

Relative stereochemistry.



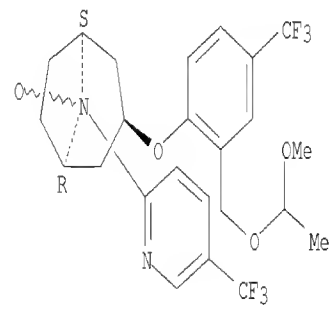
RN 866778-19-0 CAPLUS
CN 8-Azabicyclo[3.2.1]octane, 3-[2-propoxy-4-(trifluoromethyl)phenoxy]-8-[5-(trifluoromethyl)-2-pyridinyl]-, 8-oxide, (3-exo)- (9CI) (CA INDEX NAME)

Relative stereochemistry.



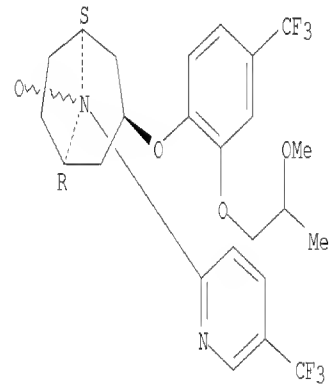
RN 866778-21-4 CAPLUS
CN 8-Azabicyclo[3.2.1]octane, 3-[2-[(1-methoxyethoxy)methyl]-4-(trifluoromethyl)phenoxy]-8-[5-(trifluoromethyl)-2-pyridinyl]-, 8-oxide, (3-exo)- (9CI) (CA INDEX NAME)

Relative stereochemistry.



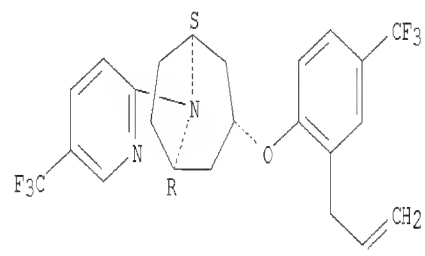
RN 866778-22-5 CAPLUS
CN 8-Azabicyclo[3.2.1]octane, 3-[2-(2-methoxypropoxy)-4-(trifluoromethyl)phenoxy]-8-[5-(trifluoromethyl)-2-pyridinyl]-, 8-oxide, (3-exo)- (9CI) (CA INDEX NAME)

Relative stereochemistry.



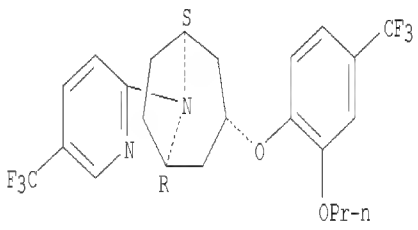
RN 866778-23-6 CAPLUS
CN 8-Azabicyclo[3.2.1]octane, 3-[2-(2-propenyl)-4-(trifluoromethyl)phenoxy]-8-[5-(trifluoromethyl)-2-pyridinyl]-, (3-exo)- (9CI) (CA INDEX NAME)

Relative stereochemistry.



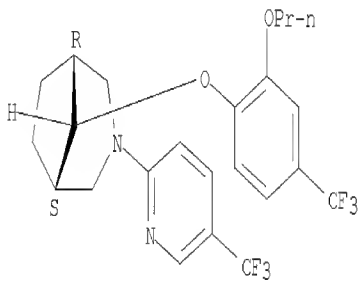
RN 866778-24-7 CAPLUS
CN 8-Azabicyclo[3.2.1]octane, 3-[2-propoxy-4-(trifluoromethyl)phenoxy]-8-[5-(trifluoromethyl)-2-pyridinyl]-, (3-exo)- (CA INDEX NAME)

Relative stereochemistry.



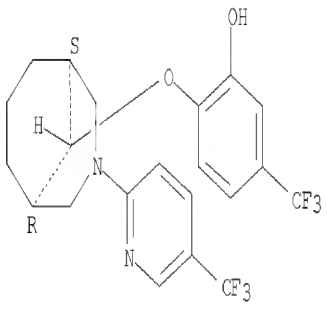
RN 866778-25-8 CAPLUS
CN 3-Azabicyclo[3.2.1]octane, 8-[2-propoxy-4-(trifluoromethyl)phenoxy]-3-[5-(trifluoromethyl)-2-pyridinyl]-, (8-syn)- (CA INDEX NAME)

Relative stereochemistry.



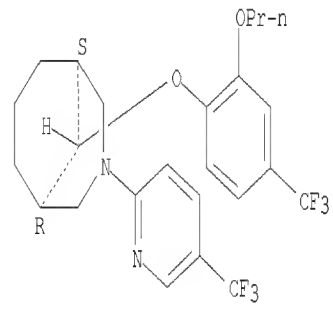
RN 866778-26-9 CAPLUS
CN Phenol, 5-(trifluoromethyl)-2-[[(9-syn)-3-[5-(trifluoromethyl)-2-pyridinyl]-3-azabicyclo[3.3.1]non-9-yl]oxy]- (CA INDEX NAME)

Relative stereochemistry.



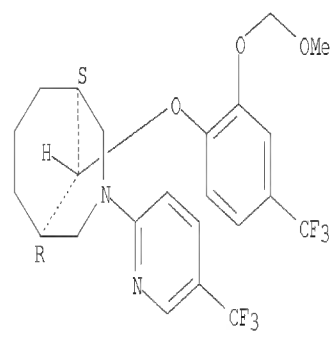
RN 866778-27-0 CAPLUS
CN 3-Azabicyclo[3.3.1]nonane, 9-[2-propoxy-4-(trifluoromethyl)phenoxy]-3-[5-(trifluoromethyl)-2-pyridinyl]-, (9-syn)- (9CI) (CA INDEX NAME)

Relative stereochemistry.



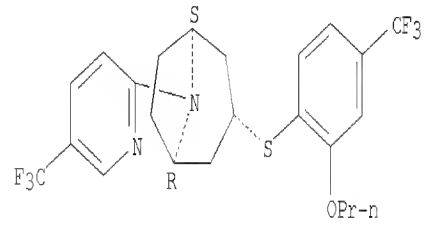
RN 866778-28-1 CAPLUS
CN 3-Azabicyclo[3.3.1]nonane, 9-[2-(methoxymethoxy)-4-(trifluoromethyl)phenoxy]-3-[5-(trifluoromethyl)-2-pyridinyl]-, (9-syn)- (9CI) (CA INDEX NAME)

Relative stereochemistry.



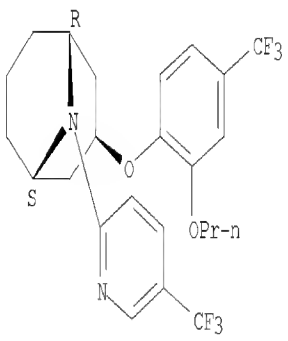
RN 866778-29-2 CAPLUS
CN 8-Azabicyclo[3.2.1]octane, 3-[[2-propoxy-4-(trifluoromethyl)phenyl]thio]-8-[5-(trifluoromethyl)-2-pyridinyl]-, (3-exo)- (CA INDEX NAME)

Relative stereochemistry.



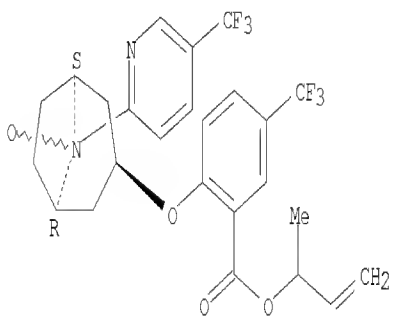
RN 866778-30-5 CAPLUS
CN 9-Azabicyclo[3.3.1]nonane, 3-[2-propoxy-4-(trifluoromethyl)phenoxy]-9-[5-(trifluoromethyl)-2-pyridinyl]-, (3-exo)- (9CI) (CA INDEX NAME)

Relative stereochemistry.



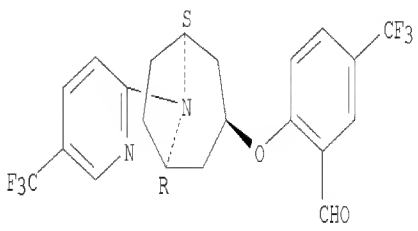
RN 866778-31-6 CAPLUS
CN Benzoic acid, 2-[[(3-endo)-8-oxido-8-[5-(trifluoromethyl)-2-pyridinyl]-8-azabicyclo[3.2.1]oct-3-yl]oxy]-5-(trifluoromethyl)-, 1-methyl-2-propenyl ester (9CI) (CA INDEX NAME)

Relative stereochemistry.



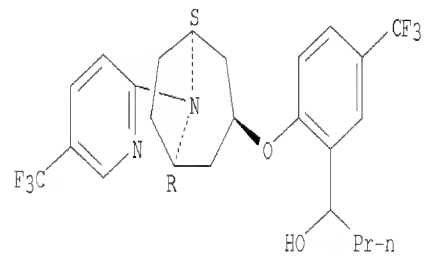
IT 866615-39-6P 866615-40-9P 866615-66-9P
866615-72-7P 866615-75-0P 866615-78-3P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation of N-(2-pyridyl)cyclic amine derivs. as pesticides such as insecticides and miticides)
RN 866615-39-6 CAPLUS
CN Benzaldehyde, 5-(trifluoromethyl)-2-[[(3-endo)-8-[5-(trifluoromethyl)-2-pyridinyl]-8-azabicyclo[3.2.1]oct-3-yl]oxy]- (CA INDEX NAME)

Relative stereochemistry.



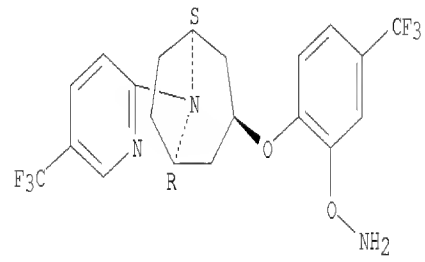
RN 866615-40-9 CAPLUS
CN Benzenemethanol, α-propyl-5-(trifluoromethyl)-2-[[(3-endo)-8-[5-(trifluoromethyl)-2-pyridinyl]-8-azabicyclo[3.2.1]oct-3-yl]oxy]- (CA INDEX NAME)

Relative stereochemistry.



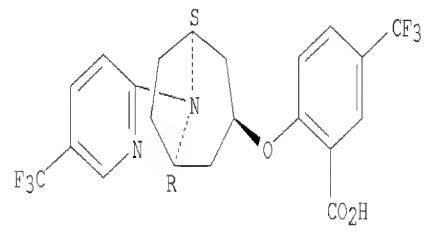
RN 866615-66-9 CAPLUS
CN 8-Azabicyclo[3.2.1]octane, 3-[2-(aminooxy)-4-(trifluoromethyl)phenoxy]-8-[5-(trifluoromethyl)-2-pyridinyl]-, (3-endo)- (9CI) (CA INDEX NAME)

Relative stereochemistry.



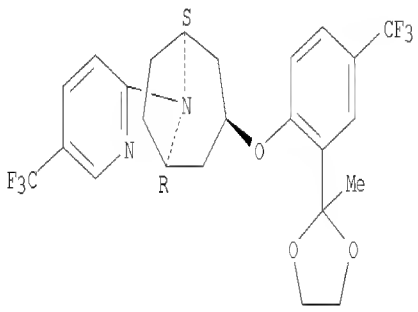
RN 866615-72-7 CAPLUS
CN Benzoic acid, 5-(trifluoromethyl)-2-[[(3-endo)-8-[5-(trifluoromethyl)-2-pyridinyl]-8-azabicyclo[3.2.1]oct-3-yl]oxy]- (CA INDEX NAME)

Relative stereochemistry.



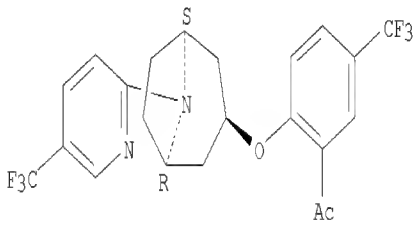
RN 866615-75-0 CAPLUS
CN 8-Azabicyclo[3.2.1]octane, 3-[2-(2-methyl-1,3-dioxolan-2-yl)-4-(trifluoromethyl)phenoxy]-8-[5-(trifluoromethyl)-2-pyridinyl]-, (3-endo)- (CA INDEX NAME)

Relative stereochemistry.



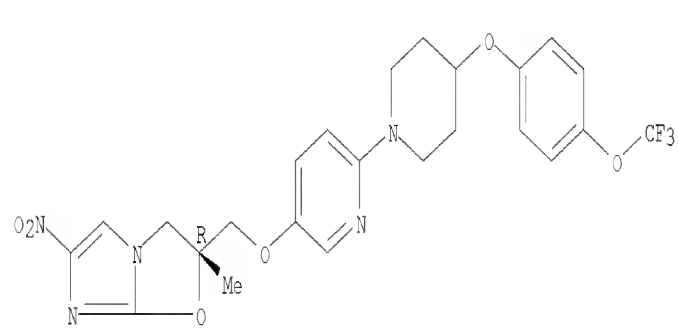
RN 866615-78-3 CAPLUS
CN Ethanone, 1-[5-(trifluoromethyl)-2-[[(3-endo)-8-[5-(trifluoromethyl)-2-pyridinyl]-8-azabicyclo[3.2.1]oct-3-yl]oxy]phenyl]- (CA INDEX NAME)

Relative stereochemistry.

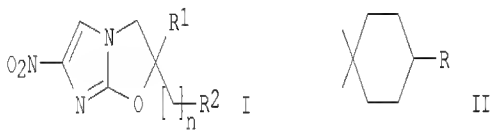


AB The title compds. I [R1 = H, alkyl; n = 0-6; R1 and (CH2)nR2, together with the adjacent carbon atom, may form a spiro ring represented by II (wherein R = substituted piperidyl); R2 = benzothiazolyloxy, quinolyloxy, pyridyloxy, etc.] which have an excellent bactericidal action against Mycobacterium tuberculosis, multi-drug-resistant Mycobacterium tuberculosis, and atypical acid-fast bacteria, were prepared and formulated. Thus, reacting (R)-2-chloro-1-(2-methyl-2-oxiranylmethyl)-4-nitro-1H-imidazole with 6-hydroxy-2-[4-(4-trifluoromethoxybenzyl)piperazin-1-yl]benzothiazole in the presence of NaH in DMF afforded 33% (R)-2-methyl-6-nitro-2-{2-[4-(4-trifluoromethoxybenzyl)piperazin-1-yl]benzothiazol-6-yloxymethyl}-2,3-dihydroimidazo[2,1-b]oxazole which showed MIC of 0.2 μg/mL in antibacterial test against M. tuberculosis Kurono in 7H11 medium.
IT 851682-71-8P
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of 2,3-dihydro-6-nitroimidazo[2,1-b]oxazoles for the treatment of tuberculosis)
RN 851682-71-8 CAPLUS
CN Imidazo[2,1-b]oxazole, 2,3-dihydro-2-methyl-6-nitro-2-[[[6-[4-[4-(trifluoromethoxy)phenoxy]-1-piperidinyl]-3-pyridinyl]oxy]methyl]-, (2R)- (CA INDEX NAME)

Absolute stereochemistry.



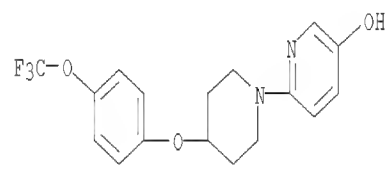
L5 ANSWER 13 OF 38 CAPLUS COPYRIGHT 2008 ACS on STN
2005:409528 Document No. 142:463728 Preparation of 2,3-dihydro-6-nitroimidazo[2,1-b]oxazoles for the treatment of tuberculosis. Tsubouchi, Hidetsugu; Sasaki, Hirofumi; Itotani, Motohiro; Haraguchi, Yoshikazu; Miyamura, Shin; Matsumoto, Makoto; Hashizume, Hiroyuki; Tomishige, Tatsuo; Kawasaki, Masanori; Ohguro, Kinue; Sumida, Takumi; Hasegawa, Takeshi; Tanaka, Kazuho; Takemura, Isao (Otsuka Pharmaceutical Co., Ltd., Japan). PCT Int. Appl. WO 2005042542 A1 20050512, 941 pp. DESIGNATED STATES: W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW; RW: AT, BE, BF, BJ, CF, CG, CH, CI, CM, CY, DE, DK, ES, FI, FR, GA, GB, GR, IE, IT, LU, MC, ML, MR, NE, NL, PT, SE, SN, TD, TG, TR. (English). CODEN: PIXXD2. APPLICATION: WO 2004-JP16492 20041029. PRIORITY: JP 2003-373206 20031031; JP 2004-111720 20040406.
GI



I

II

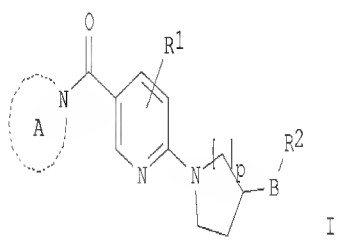
IT 851703-62-3
RL: RCT (Reactant); RACT (Reactant or reagent)
(preparation of 2,3-dihydro-6-nitroimidazo[2,1-b]oxazoles for the treatment of tuberculosis)
RN 851703-62-3 CAPLUS
CN 3-Pyridinol, 6-[4-[4-(trifluoromethoxy)phenoxy]-1-piperidinyl]- (CA INDEX NAME)



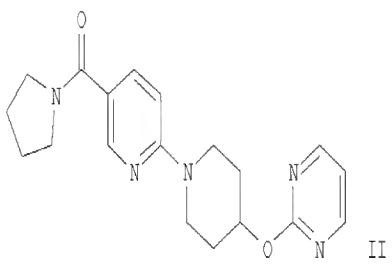
L5 ANSWER 14 OF 38 CAPLUS COPYRIGHT 2008 ACS on STN

2004:718534 Document No. 141:243344 Preparation of 1-[(3-pyridinyl)carbonyl]pyrrolidine derivatives as immunosuppressants. Baxter, Andrew; Eyssade, Christine; Guile, Simon; King, Sarah; Pimm, Austen; Reuberson, James; Thorne, Philip (AstraZeneca AB, Swed.). PCT Int. Appl. WO 2004074278 A1 20040902, 75 pp. DESIGNATED STATES: W: AE, AE, AG, AL, AL, AM, AM, AM, AT, AT, AU, AZ, AZ, BA, BB, BG, BG, BR, BR, BW, BY, BY, BZ, BZ, CA, CH, CN, CN, CO, CO, CR, CR, CU, CU, CZ, CZ, DE, DE, DK, DK, DM, DZ, EC, EC, EE, EE, EG, ES, ES, FI, FI, GB, GD, GE, GE, GH, GM, HR, HR, HU, HU, ID, IL, IN, IS, JP, JP, KE, KE, KG, KG, KP, KP, KP, KR, KR, KZ, KZ, KZ, LC, LK, LR, LS, LS, LT, LU, LV, MA, MD, MD, MG, MK, MN, MW, MX, MX, MZ, MZ, NA, NI; RW: AT, BE, BF, BJ, CF, CG, CH, CI, CM, CY, DE, DK, ES, FI, FR, GA, GB, GR, IE, IT, LU, MC, ML, MR, NE, NL, PT, SE, SN, TD, TG, BF, BJ, CF, CG, CI, CM, GA, ML, MR, NE, SN, TD, TG, TR. (English). CODEN: PIXXD2. APPLICATION: WO 2004-SE216 20040218. PRIORITY: SE 2003-456 20030219.

GI



I



II

AB The title compds. [I; A = 4-6 membered saturated ring; p = 1-2; R1 = H, alkyl, halo, NR4R5, X(alkyl); X = O, S, NR4; B = a bond, CH2, O, S, SO, SO2, NH; R2 = (un)substituted Ph, heteroaryl with one or more N atoms, (un)saturated bicyclic system containing one or more heteroatoms; R4, R5 = H, alkyl] and their pharmaceutically acceptable salts, were prepared E.g., a multi-step synthesis of II, was given. The compds. I were tested for inhibition of PMA/ionomycin-stimulated peripheral blood mononuclear cell proliferation (data were given for representative compds. I). Processes for the preparation of the compds. I together with pharmaceutical compns. containing them and their use in therapy in particular in the modulation of autoimmune disease

are also described.

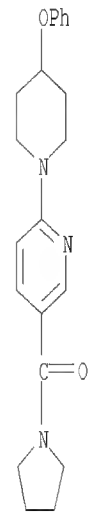
IT 749898-43-9P

RL: PAC (Pharmacological activity); RCT (Reactant); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent); USES (Uses)

(preparation of 1-[(3-pyridinyl)carbonyl]pyrrolidine derivs. as immunosuppressants)

RN 749898-43-9 CAPLUS

CN Pyrrolidine, 1-[[6-(4-phenoxy-1-piperidinyl)-3-pyridinyl]carbonyl]- (9CI) (CA INDEX NAME)



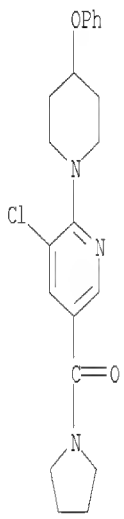
IT 749898-45-1P 749898-46-2P 749898-47-3P 749899-59-0P 749899-61-4P

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of 1-[(3-pyridinyl)carbonyl]pyrrolidine derivs. as immunosuppressants)

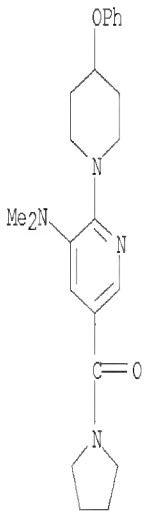
RN 749898-45-1 CAPLUS

CN Pyrrolidine, 1-[[5-chloro-6-(4-phenoxy-1-piperidinyl)-3-pyridinyl]carbonyl]-, monohydrochloride (9CI) (CA INDEX NAME)



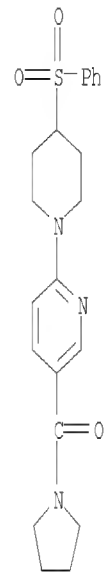
● HCl

RN 749898-46-2 CAPLUS
CN Pyrrolidine, 1-[[5-(dimethylamino)-6-(4-phenoxy-1-piperidinyl)-3-pyridinyl]carbonyl]-, hydrochloride (9CI) (CA INDEX NAME)

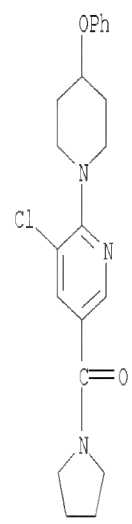


● x HCl

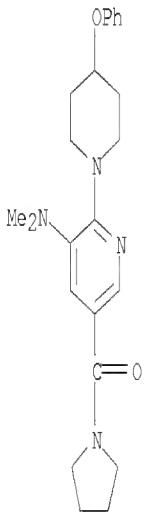
RN 749898-47-3 CAPLUS
CN Pyrrolidine, 1-[[6-[4-(phenylsulfonyl)-1-piperidinyl]-3-pyridinyl]carbonyl]- (9CI) (CA INDEX NAME)



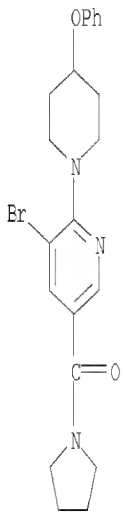
RN 749899-59-0 CAPLUS
CN Pyrrolidine, 1-[[5-chloro-6-(4-phenoxy-1-piperidinyl)-3-pyridinyl]carbonyl]- (9CI) (CA INDEX NAME)



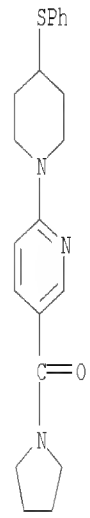
RN 749899-61-4 CAPLUS
CN Pyrrolidine, 1-[[5-(dimethylamino)-6-(4-phenoxy-1-piperidinyl)-3-pyridinyl]carbonyl]- (9CI) (CA INDEX NAME)



IT 749899-04-5P 749899-06-7P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation of 1-[(3-pyridinyl)carbonyl]pyrrolidine derivs. as immunosuppressants)
RN 749899-04-5 CAPLUS
CN Pyrrolidine, 1-[[5-bromo-6-(4-phenoxy-1-piperidinyl)-3-pyridinyl]carbonyl]- (9CI) (CA INDEX NAME)

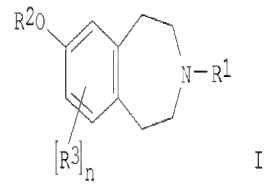


RN 749899-06-7 CAPLUS
CN Pyrrolidine, 1-[[6-[4-(phenylthio)-1-piperidinyl]-3-pyridinyl]carbonyl]- (9CI) (CA INDEX NAME)



L5 ANSWER 15 OF 38 CAPLUS COPYRIGHT 2008 ACS on STN
2004:546416 Document No. 141:106391 Preparation of benzo[d]azepine derivatives as antagonists and/or inverse agonists of the histamine H3 receptor for the treatment of neurological disorders. Bamford, Mark James; Dean, David Kenneth; Sehmi, Sanjeet Singh; Wilson, David Matthew; Witherington, Jason (Glaxo Group Limited, UK). PCT Int. Appl. WO 2004056369 A1 20040708, 106 pp. DESIGNATED STATES: W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW; RW: AT, BE, BF, BJ, CF, CG, CH, CI, CM, CY, DE, DK, ES, FI, FR, GA, GB, GR, IE, IT, LU, MC, ML, MR, NE, NL, PT, SE, SN, TD, TG, TR. (English). CODEN: PIXXD2. APPLICATION: WO 2003-EP14556 20031218. PRIORITY: GB 2002-29820 20021220; GB 2003-12607 20030602.

GI



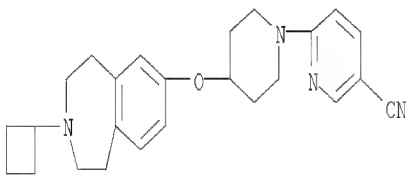
I

AB The title compds. [I; R1 = cycloalkyl optionally substituted by alkyl; R2 = H, alkyl, X(cycloalkyl), X(aryl), etc.; X = a bond, alkyl; R3 = halo, alkyl, alkoxy, CN, NH2, CF3; n = 0-2], useful in the treatment of neurol. and psychiatric disorders, were prepared Thus, reacting 7-benzyloxy-1,2,4,5-tetrahydrobenzo[d]azepine (preparation given) with cyclobutanone in the presence of NaBH(OAc)3 afforded I [R1 = cyclobutyl;

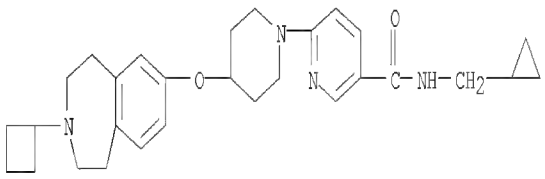
R2 = CH2Ph; n = 0] which showed pKb of 9.0-10.5 in the histamine H3 functional antagonist assay. The pharmaceutical composition comprising the compound I is claimed.

IT 720691-13-4P 720691-14-5P 720691-15-6P
720691-16-7P 720691-17-8P 720691-18-9P
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of benzo[d]azepine derivs. as antagonists and/or inverse agonists of the histamine H3 receptor for the treatment of neurol. disorders)

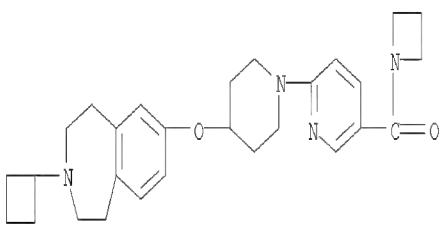
RN 720691-13-4 CAPLUS
CN 3-Pyridinecarbonitrile, 6-[4-[(3-cyclobutyl-2,3,4,5-tetrahydro-1H-3-benzazepin-7-yl)oxy]-1-piperidinyl]- (CA INDEX NAME)



RN 720691-14-5 CAPLUS
CN 3-Pyridinecarboxamide, 6-[4-[(3-cyclobutyl-2,3,4,5-tetrahydro-1H-3-benzazepin-7-yl)oxy]-1-piperidinyl]-N-(cyclopropylmethyl)- (CA INDEX NAME)

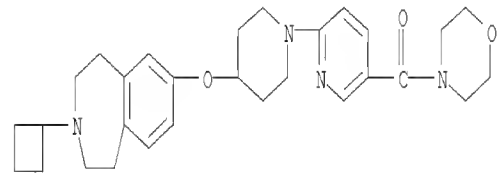


RN 720691-15-6 CAPLUS
CN Azetidine, 1-[[6-[4-[(3-cyclobutyl-2,3,4,5-tetrahydro-1H-3-benzazepin-7-yl)oxy]-1-piperidinyl]-3-pyridinyl]carbonyl]- (9CI) (CA INDEX NAME)

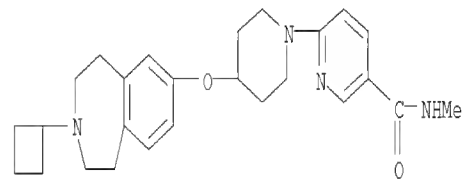


RN 720691-16-7 CAPLUS

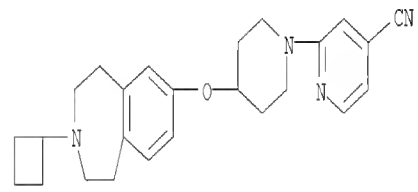
CN Morpholine, 4-[[6-[4-[(3-cyclobutyl-2,3,4,5-tetrahydro-1H-3-benzazepin-7-yl)oxy]-1-piperidinyl]-3-pyridinyl]carbonyl]- (9CI) (CA INDEX NAME)



RN 720691-17-8 CAPLUS
CN 3-Pyridinecarboxamide, 6-[4-[(3-cyclobutyl-2,3,4,5-tetrahydro-1H-3-benzazepin-7-yl)oxy]-1-piperidinyl]-N-methyl- (CA INDEX NAME)

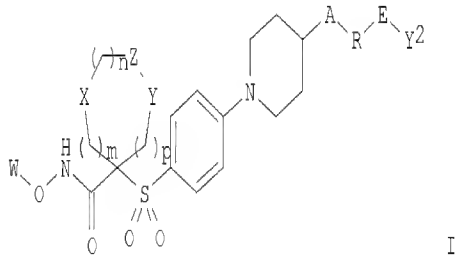


RN 720691-18-9 CAPLUS
CN 4-Pyridinecarbonitrile, 2-[4-[(3-cyclobutyl-2,3,4,5-tetrahydro-1H-3-benzazepin-7-yl)oxy]-1-piperidinyl]- (CA INDEX NAME)

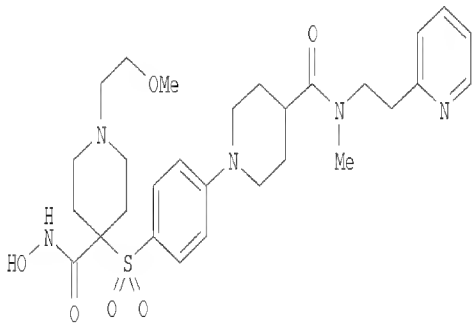


L5 ANSWER 16 OF 38 CAPLUS COPYRIGHT 2008 ACS on STN
2004:485162 Document No. 141:38534 Preparation of aromatic sulfone hydroxamic acid metalloprotease inhibitors. Barta, Thomas E.; Becker, Daniel P.; Bedell, Louis J.; Boehm, Terri L.; Carroll, Jeffrey N.; Decrescenzo, Gary A.; Fobian, Yvette M.; Freskos, John N.; Getman, Daniel P.; McDonald, Joseph J.; Li, Madeleine H.; Hockerman, Susan L.; Howard, Susan C.; Kolodziej, Steve A.; Mischke, Deborah A.; Rico, Joseph G.; Stehle, Nathan W.; Tollefson, Michael B.; Vernier, William F.; Villamil, Clara I. (Pharmacia Corporation, USA). U.S. US 6750228 B1 20040615, 403 pp., Cont.-in-part of U.S. Ser. No. 311,837. (English). CODEN: USXXAM. APPLICATION: US 2000-570731 20000512. PRIORITY: US 1997-66007P 19971114; US 1998-95347P 19980804; US 1998-101080P 19980918; US 1999-256948 19990224; US 1999-311837 19990514.

GI



I



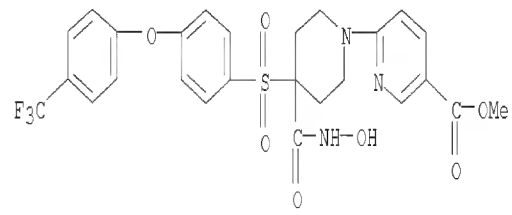
II

AB A treatment process is disclosed that comprises administering an effective amount of an aromatic sulfone hydroxamic acid I [W = H, cation, certain acyl or thioacyl groups; m, n, p = 0-2; (m+n+p) = 1 to 4; Z = (un)substituted NH; X, Y = (un)substituted CH2; A = bond, O, S, (un)substituted NH, COO, OCO, CH:CH, C.tplbond.C, N:N, NHNH, NHCOO, (un)substituted CONH, NHCO, etc.; R = alkylene, arylene, heteroarylene, etc., with provisos; E = bond, CONH, NHCO, CO, SO2, NHSO2, SO2NH, S, etc.; Y2 = absent, H, alkyl, alkoxy, aryl, aryloxy, heteroaryl, etc.] to a host having a condition associated with pathol. matrix metalloprotease (MMP) activity. I exhibit excellent inhibitory activity of one or more MMP enzymes, such as MMP-2, MMP-9 and MMP-13, while exhibiting substantially less inhibition of (at least) MMP-1 (biol. data given). Also disclosed are metalloprotease inhibitor compds. having such selective activities, processes for manufacture of such compds., and pharmaceutical compns. using such inhibitors. The compds. are potentially useful against a wide variety of conditions, notably as antiosteoarthritic, antiangiogenesis, and antitumor agents. Over 900 example compds. are listed, most with supporting phys. data, and many with synthetic details. E.g., a multi-step synthesis of the compound II.2HCl was given.

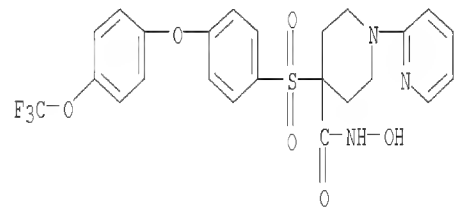
IT 308825-31-2P 308825-32-3P 308825-47-0P
308825-54-9P 308825-55-0P 308825-59-4P
308825-63-0P 308825-70-9P 308825-71-0P
308825-74-3P 308826-05-3P 308826-07-5P
308826-11-1P 308826-13-3P 308826-15-5P
308826-25-7P 308826-43-9P
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES

(Uses)
(drug candidate; preparation of aromatic sulfone hydroxamic acids as metalloprotease inhibitors)

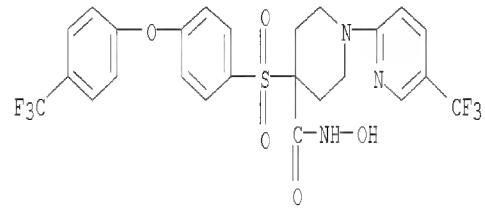
RN 308825-31-2 CAPLUS
CN 3-Pyridinecarboxylic acid, 6-[4-[(hydroxyamino)carbonyl]-4-[[4-[4-(trifluoromethyl)phenoxy]phenyl]sulfonyl]-1-piperidinyl]-, methyl ester (CA INDEX NAME)



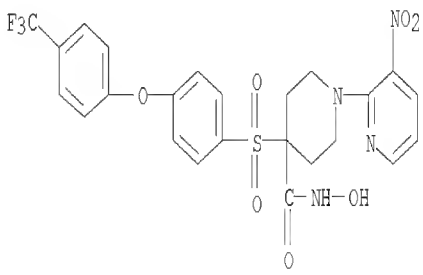
RN 308825-32-3 CAPLUS
CN 4-Piperidinecarboxamide, N-hydroxy-1-(2-pyridinyl)-4-[[4-[4-(trifluoromethoxy)phenoxy]phenyl]sulfonyl]-, monohydrochloride (9CI) (CA INDEX NAME)



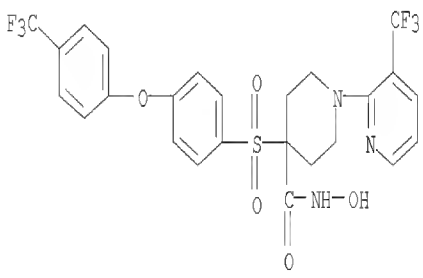
RN 308825-47-0 CAPLUS
CN 4-Piperidinecarboxamide, N-hydroxy-4-[[4-[4-(trifluoromethyl)phenoxy]phenyl]sulfonyl]-1-[5-(trifluoromethyl)-2-pyridinyl]-, monohydrochloride (9CI) (CA INDEX NAME)



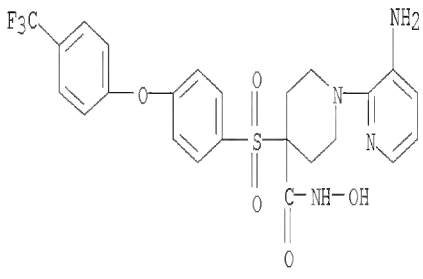
RN 308825-54-9 CAPLUS
CN 4-Piperidinecarboxamide, N-hydroxy-1-(3-nitro-2-pyridinyl)-4-[[4-[4-(trifluoromethyl)phenoxy]phenyl]sulfonyl]- (CA INDEX NAME)



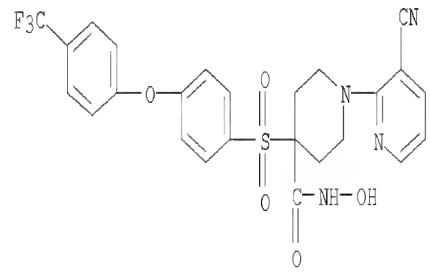
RN 308825-55-0 CAPLUS
CN 4-Piperidinecarboxamide, N-hydroxy-4-[[4-[4-(trifluoromethyl)phenoxy]phenyl]sulfonyl]-1-[3-(trifluoromethyl)-2-pyridinyl]- (CA INDEX NAME)



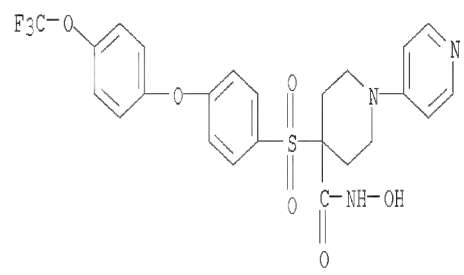
RN 308825-59-4 CAPLUS
CN 4-Piperidinecarboxamide, 1-(3-amino-2-pyridinyl)-N-hydroxy-4-[[4-[4-(trifluoromethyl)phenoxy]phenyl]sulfonyl]- (CA INDEX NAME)



RN 308825-63-0 CAPLUS
CN 4-Piperidinecarboxamide, 1-(3-cyano-2-pyridinyl)-N-hydroxy-4-[[4-[4-(trifluoromethyl)phenoxy]phenyl]sulfonyl]- (CA INDEX NAME)

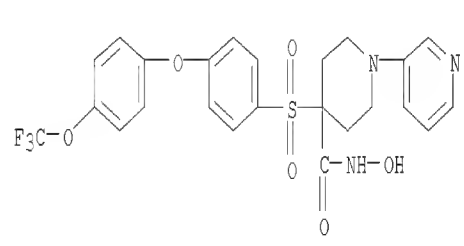


RN 308825-70-9 CAPLUS
CN 4-Piperidinecarboxamide, N-hydroxy-1-(4-pyridinyl)-4-[[4-[4-(trifluoromethoxy)phenoxy]phenyl]sulfonyl]-, monohydrochloride (9CI) (CA INDEX NAME)



● HCl

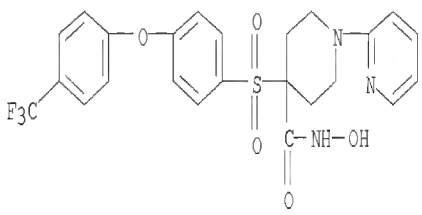
RN 308825-71-0 CAPLUS
CN 4-Piperidinecarboxamide, N-hydroxy-1-(3-pyridinyl)-4-[[4-[4-(trifluoromethoxy)phenoxy]phenyl]sulfonyl]-, monohydrochloride (9CI) (CA INDEX NAME)



● HCl

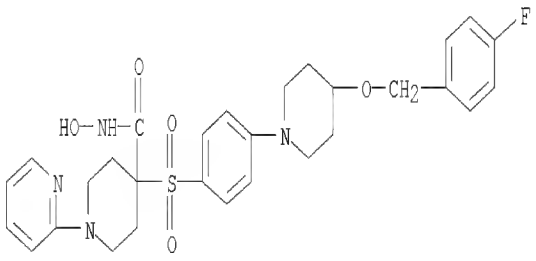
RN 308825-74-3 CAPLUS

CN 4-Piperidinecarboxamide, N-hydroxy-1-(2-pyridinyl)-4-[[4-[4-(trifluoromethyl)phenoxy]phenyl]sulfonyl]-, monohydrochloride (9CI) (CA INDEX NAME)

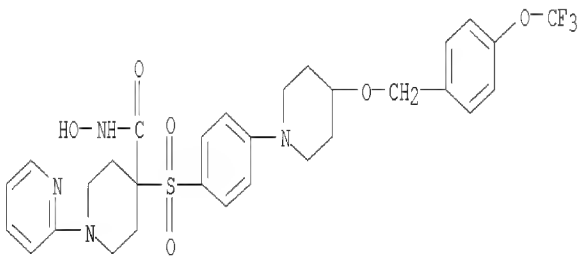


● HCl

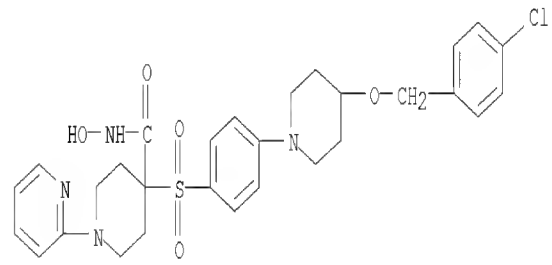
RN 308826-05-3 CAPLUS
CN 4-Piperidinecarboxamide, 4-[[4-[4-[(4-fluorophenyl)methoxy]-1-piperidinyl]phenyl]sulfonyl]-N-hydroxy-1-(2-pyridinyl)- (CA INDEX NAME)



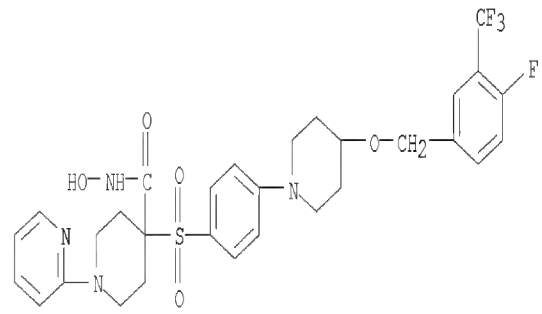
RN 308826-07-5 CAPLUS
CN 4-Piperidinecarboxamide, N-hydroxy-1-(2-pyridinyl)-4-[[4-[4-[[4-(trifluoromethoxy)phenyl]methoxy]-1-piperidinyl]phenyl]sulfonyl]- (CA INDEX NAME)



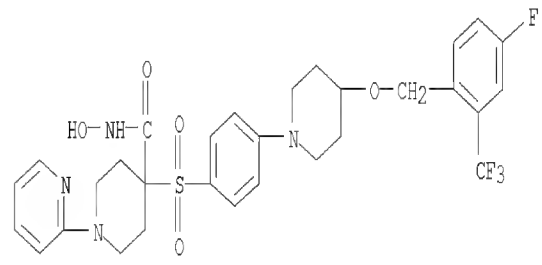
RN 308826-11-1 CAPLUS
CN 4-Piperidinecarboxamide, 4-[[4-[4-[(4-chlorophenyl)methoxy]-1-piperidinyl]phenyl]sulfonyl]-N-hydroxy-1-(2-pyridinyl)- (CA INDEX NAME)



RN 308826-13-3 CAPLUS
CN 4-Piperidinecarboxamide, 4-[[4-[4-[[4-fluoro-3-(trifluoromethyl)phenyl]methoxy]-1-piperidinyl]phenyl]sulfonyl]-N-hydroxy-1-(2-pyridinyl)- (CA INDEX NAME)



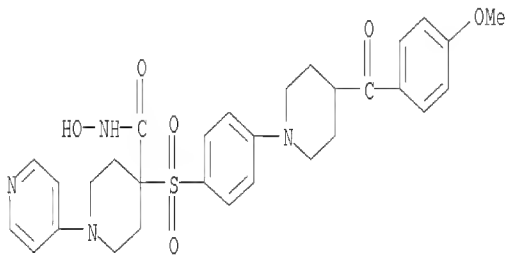
RN 308826-15-5 CAPLUS
CN 4-Piperidinecarboxamide, 4-[[4-[4-[[4-fluoro-2-(trifluoromethyl)phenyl]methoxy]-1-piperidinyl]phenyl]sulfonyl]-N-hydroxy-1-(2-pyridinyl)- (CA INDEX NAME)



RN 308826-25-7 CAPLUS
CN 4-Piperidinecarboxamide, N-hydroxy-4-[[4-[4-(4-methoxybenzoyl)-1-piperidinyl]phenyl]sulfonyl]-1-(4-pyridinyl)-, mono(trifluoroacetate) (salt) (9CI) (CA INDEX NAME)

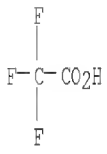
CM 1

CRN 308826-24-6
CMF C30 H34 N4 O6 S

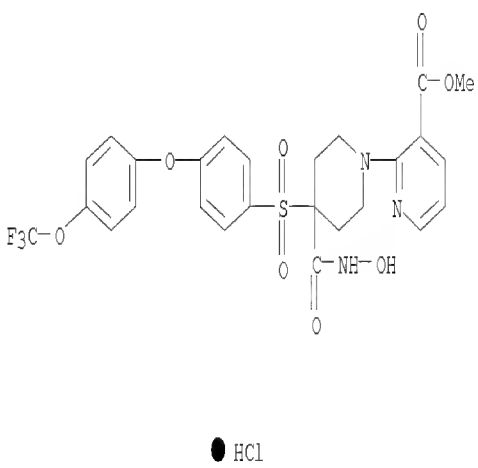


CM 2

CRN 76-05-1
CMF C2 H F3 O2



RN 308826-43-9 CAPLUS
CN 3-Pyridinecarboxylic acid, 2-[4-[(hydroxyamino)carbonyl]-4-[[4-[4-(trifluoromethoxy)phenoxy]phenyl]sulfonyl]-1-piperidinyl]-, methyl ester, monohydrochloride (9CI) (CA INDEX NAME)

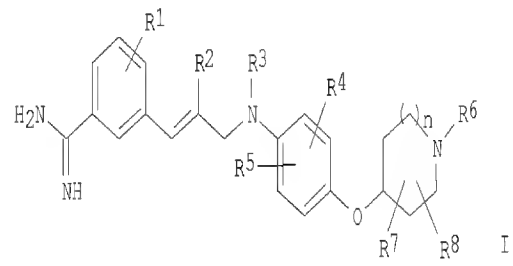


● HCl

L5 ANSWER 17 OF 38 CAPLUS COPYRIGHT 2008 ACS on STN

2004:411619 Document No. 140:400071 Blood-coagulation factor Xa inhibitors for prophylactic or therapeutic treatment of cerebral or myocardial infarction and peripheral circulation disorder. Fujimoto, Koichi; Tanaka, Naoki; Shimada, Ikuko; Asai, Fumitoshi (Sankyo Co., Ltd., Japan). Jpn. Kokai Tokkyo Koho JP 2004143164 A 20040520, 189 pp. (Japanese). CODEN: JKXXAF. APPLICATION: JP 2003-345161 20031003. PRIORITY: JP 2002-290838 20021003.

GI

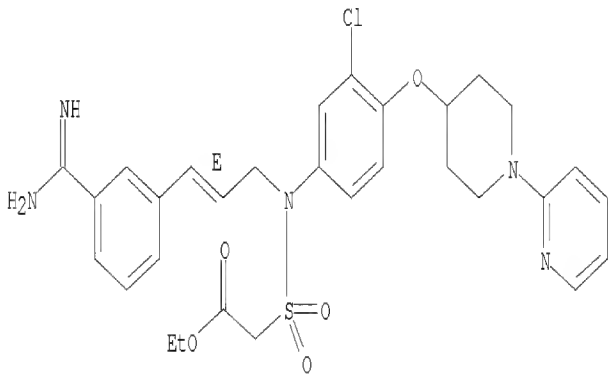


AB Title inhibitors contain benzamidines I [R1 = H, halo, C1-6 alkyl, OH; R2 = H, halo; R3 = H, C1-6 alkyl, C2-7 carboxyalkyl, C1-6 alkylsulfonyl, etc.; R4, R5 = H, halo, C1-6 (halo)alkyl, C1-6 alkoxy, CO2H, alkylcarbamoyl, etc.; R6 = H, C1-6 alkyl, C3-8 cycloalkyl, c7-16 aralkyl, C6-10 aryl, heterocyclyl, etc.; R7, R8 = H, C1-6 alkyl; R6R7 or R7R8 may be bonded to form C2-5 alkylene; n = 0-2], their pharmacol. acceptable salts, or their prodrugs. Thus, N-[3-(3-amidinophenyl)-2(E)-propenyl]-N-[3-chloro-4-(1-ethylpiperidin-4-yloxy)phenyl]sulfamoylacetic acid 2HCl salt inhibited factor Xa with IC50 value of 10 nM.

IT 470476-01-8P 470476-02-9P 470476-03-0P
470476-04-1P 470476-05-2P 470476-06-3P
470476-33-6P 470476-34-7P 470476-39-2P
470476-40-5P 470476-45-0P 470476-46-1P
470476-49-4P 470476-50-7P 470476-55-2P
470476-56-3P 470476-60-9P 470476-61-0P
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of benzamidines as blood-coagulation factor Xa inhibitors for treatment of cardiovascular diseases)

RN 470476-01-8 CAPLUS
CN Acetic acid, [[[(2E)-3-[3-(aminoiminomethyl)phenyl]-2-propenyl][3-chloro-4-[[1-(2-pyridinyl)-4-piperidinyl]oxy]phenyl]amino]sulfonyl]-, ethyl ester, dihydrochloride (9CI) (CA INDEX NAME)

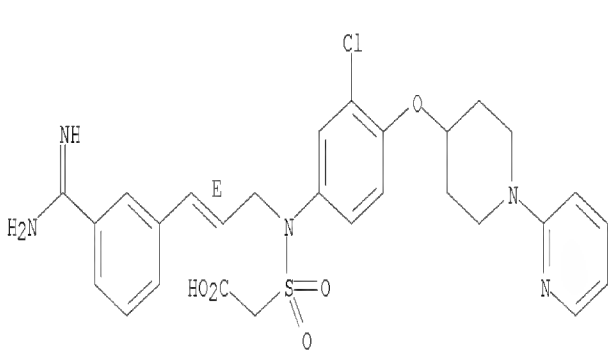
Double bond geometry as shown.



●2 HCl

RN 470476-02-9 CAPLUS
CN Acetic acid, [[[(2E)-3-[3-(aminoiminomethyl)phenyl]-2-propenyl][3-chloro-4-[[1-(2-pyridinyl)-4-piperidinyl]oxy]phenyl]amino]sulfonyl]-, dihydrochloride (9CI) (CA INDEX NAME)

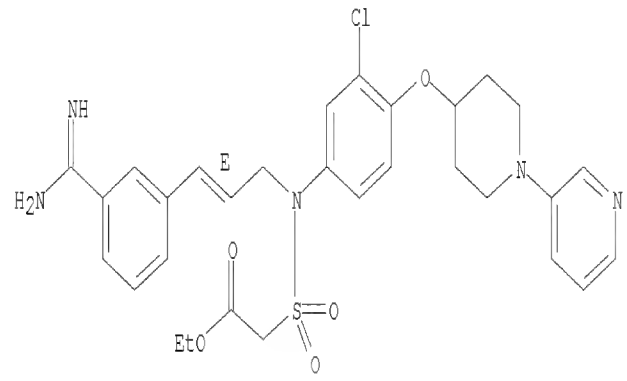
Double bond geometry as shown.



●2 HCl

RN 470476-03-0 CAPLUS
CN Acetic acid, [[[(2E)-3-[3-(aminoiminomethyl)phenyl]-2-propenyl][3-chloro-4-[[1-(3-pyridinyl)-4-piperidinyl]oxy]phenyl]amino]sulfonyl]-, ethyl ester, dihydrochloride (9CI) (CA INDEX NAME)

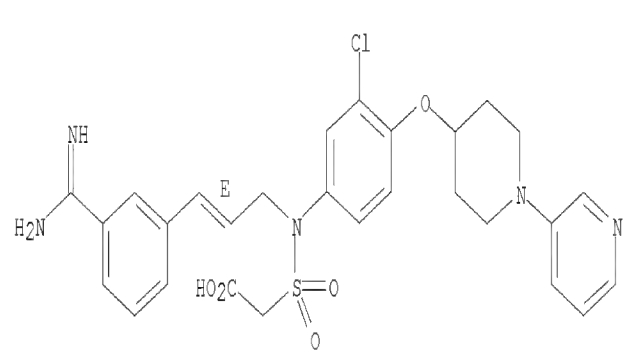
Double bond geometry as shown.



●2 HCl

RN 470476-04-1 CAPLUS
CN Acetic acid, [[[(2E)-3-[3-(aminoiminomethyl)phenyl]-2-propenyl][3-chloro-4-[[1-(3-pyridinyl)-4-piperidinyl]oxy]phenyl]amino]sulfonyl]-, dihydrochloride (9CI) (CA INDEX NAME)

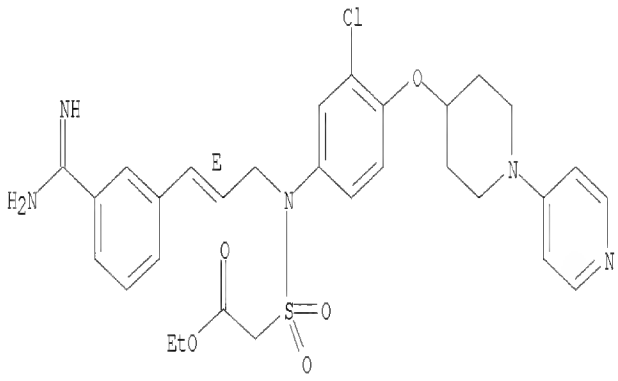
Double bond geometry as shown.



●2 HCl

RN 470476-05-2 CAPLUS
CN Acetic acid, [[[(2E)-3-[3-(aminoiminomethyl)phenyl]-2-propenyl][3-chloro-4-[[1-(4-pyridinyl)-4-piperidinyl]oxy]phenyl]amino]sulfonyl]-, ethyl ester, dihydrochloride (9CI) (CA INDEX NAME)

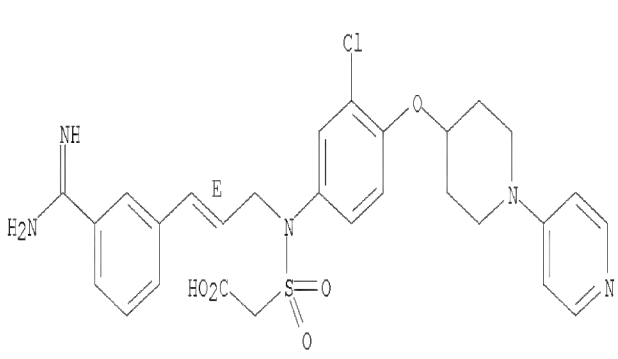
Double bond geometry as shown.



●2 HCl

RN 470476-06-3 CAPLUS
CN Acetic acid, [[[(2E)-3-[3-(aminoiminomethyl)phenyl]-2-propenyl][3-chloro-4-[[1-(4-pyridinyl)-4-piperidinyl]oxy]phenyl]amino]sulfonyl]-, dihydrochloride (9CI) (CA INDEX NAME)

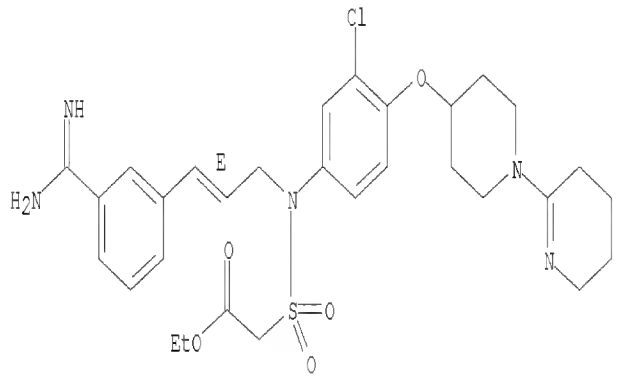
Double bond geometry as shown.



●2 HCl

RN 470476-33-6 CAPLUS
CN Acetic acid, [[[(2E)-3-[3-(aminoiminomethyl)phenyl]-2-propenyl][3-chloro-4-[[1-(3,4,5,6-tetrahydro-2-pyridinyl)-4-piperidinyl]oxy]phenyl]amino]sulfonyl]-, ethyl ester, dihydrochloride (9CI) (CA INDEX NAME)

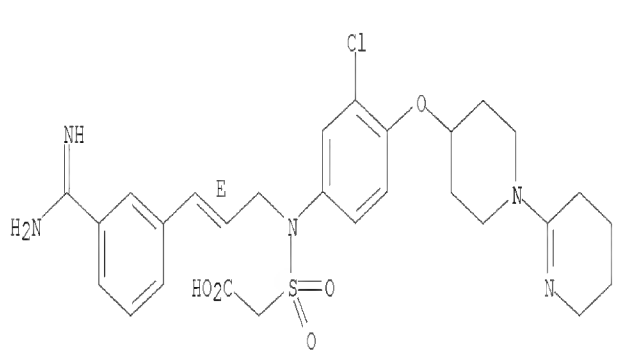
Double bond geometry as shown.



●2 HCl

RN 470476-34-7 CAPLUS
CN Acetic acid, [[[(2E)-3-[3-(aminoiminomethyl)phenyl]-2-propenyl][3-chloro-4-[[1-(3,4,5,6-tetrahydro-2-pyridinyl)-4-piperidinyl]oxy]phenyl]amino]sulfonyl]-, dihydrochloride (9CI) (CA INDEX NAME)

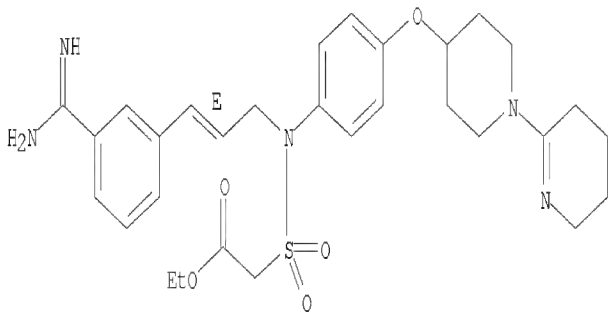
Double bond geometry as shown.



●2 HCl

RN 470476-39-2 CAPLUS
CN Acetic acid, [[[(2E)-3-[3-(aminoiminomethyl)phenyl]-2-propenyl][4-[[1-(3,4,5,6-tetrahydro-2-pyridinyl)-4-piperidinyl]oxy]phenyl]amino]sulfonyl]-, ethyl ester, dihydrochloride (9CI) (CA INDEX NAME)

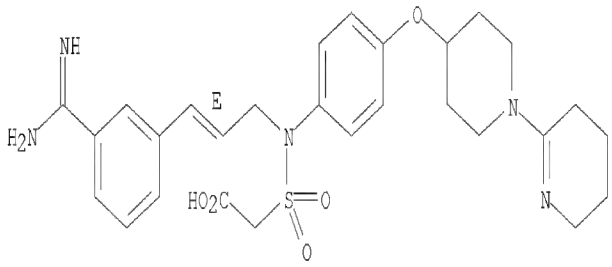
Double bond geometry as shown.



●2 HCl

RN 470476-40-5 CAPLUS
CN Acetic acid, [[[(2E)-3-[3-(aminoiminomethyl)phenyl]-2-propenyl][4-[[1-(3,4,5,6-tetrahydro-2-pyridinyl)-4-piperidinyl]oxy]phenyl]amino]sulfonyl]-, dihydrochloride (9CI) (CA INDEX NAME)

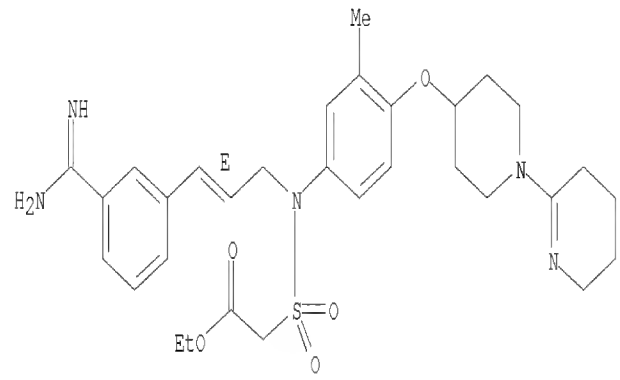
Double bond geometry as shown.



●2 HCl

RN 470476-45-0 CAPLUS
CN Acetic acid, [[[(2E)-3-[3-(aminoiminomethyl)phenyl]-2-propenyl][3-methyl-4-[[1-(3,4,5,6-tetrahydro-2-pyridinyl)-4-piperidinyl]oxy]phenyl]amino]sulfonyl]-, ethyl ester, dihydrochloride (9CI) (CA INDEX NAME)

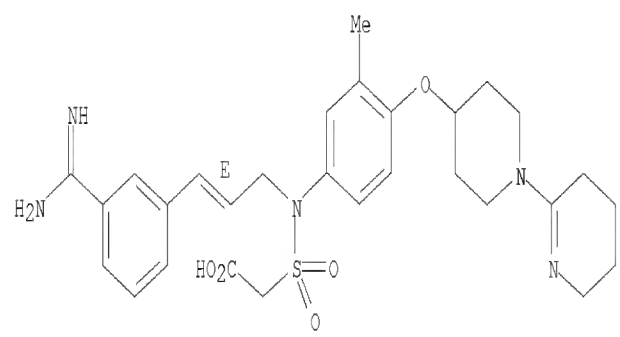
Double bond geometry as shown.



●2 HCl

RN 470476-46-1 CAPLUS
CN Acetic acid, [[[(2E)-3-[3-(aminoiminomethyl)phenyl]-2-propenyl][3-methyl-4-[[1-(3,4,5,6-tetrahydro-2-pyridinyl)-4-piperidinyl]oxy]phenyl]amino]sulfonyl]-, dihydrochloride (9CI) (CA INDEX NAME)

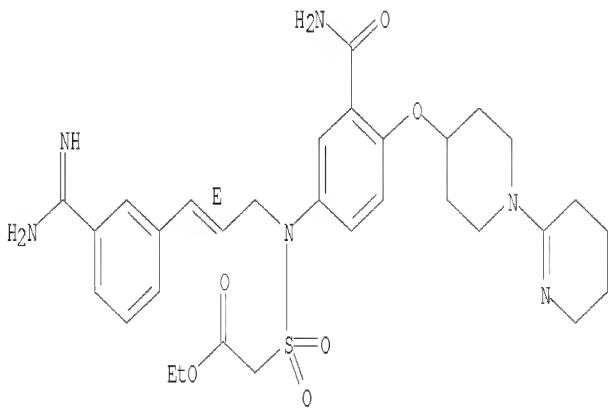
Double bond geometry as shown.



●2 HCl

RN 470476-49-4 CAPLUS
CN Acetic acid, [[[3-(aminocarbonyl)-4-[[1-(3,4,5,6-tetrahydro-2-pyridinyl)-4-piperidinyl]oxy]phenyl][(2E)-3-[3-(aminoiminomethyl)phenyl]-2-propenyl]amino]sulfonyl]-, ethyl ester, dihydrochloride (9CI) (CA INDEX NAME)

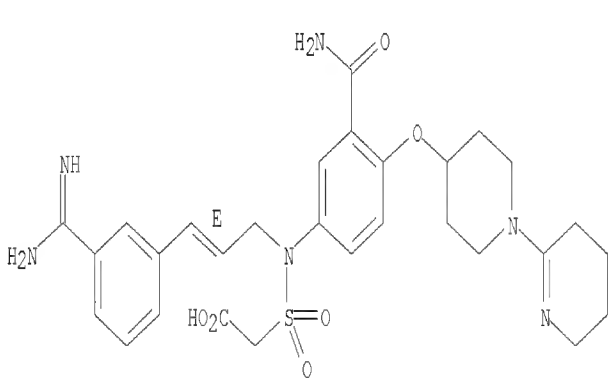
Double bond geometry as shown.



●2 HCl

RN 470476-50-7 CAPLUS
CN Acetic acid, [[[3-(aminocarbonyl)-4-[[1-(3,4,5,6-tetrahydro-2-pyridinyl)-4-piperidinyl]oxy]phenyl][(2E)-3-[3-(aminoiminomethyl)phenyl]-2-propenyl]amino]sulfonyl]-, dihydrochloride (9CI) (CA INDEX NAME)

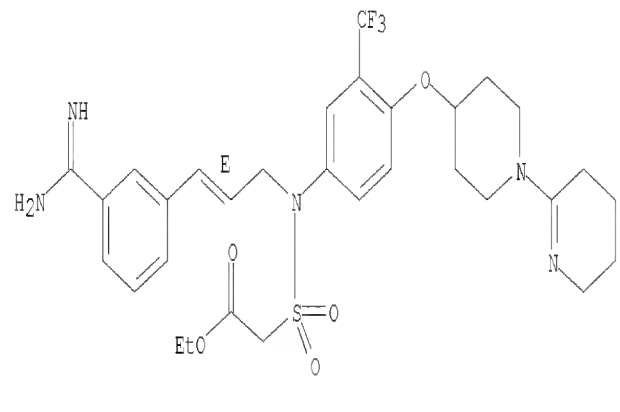
Double bond geometry as shown.



●2 HCl

RN 470476-55-2 CAPLUS
CN Acetic acid, [[[(2E)-3-[3-(aminoiminomethyl)phenyl]-2-propenyl][4-[[1-(3,4,5,6-tetrahydro-2-pyridinyl)-4-piperidinyl]oxy]-3-(trifluoromethyl)phenyl]amino]sulfonyl]-, ethyl ester, dihydrochloride (9CI) (CA INDEX NAME)

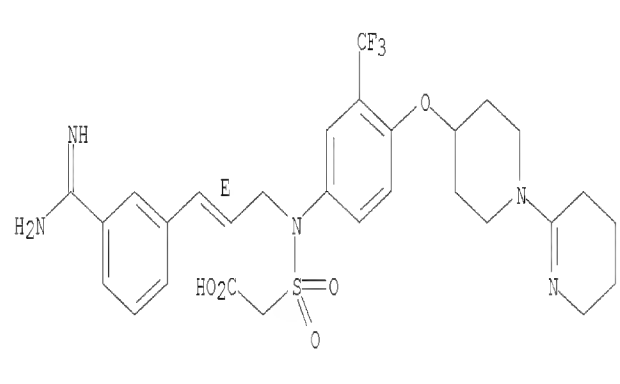
Double bond geometry as shown.



●2 HCl

RN 470476-56-3 CAPLUS
CN Acetic acid, [[[(2E)-3-[3-(aminoiminomethyl)phenyl]-2-propenyl][4-[[1-(3,4,5,6-tetrahydro-2-pyridinyl)-4-piperidinyl]oxy]-3-(trifluoromethyl)phenyl]amino]sulfonyl]-, dihydrochloride (9CI) (CA INDEX NAME)

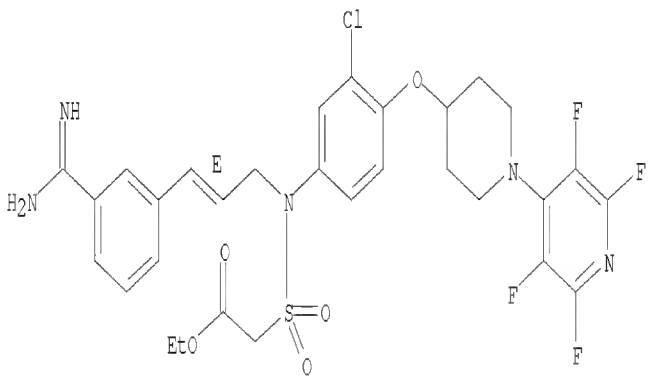
Double bond geometry as shown.



●2 HCl

RN 470476-60-9 CAPLUS
CN Acetic acid, [[[(2E)-3-[3-(aminoiminomethyl)phenyl]-2-propenyl][3-chloro-4-[[1-(2,3,5,6-tetrafluoro-4-pyridinyl)-4-piperidinyl]oxy]phenyl]amino]sulfonyl]-, ethyl ester, dihydrochloride (9CI) (CA INDEX NAME)

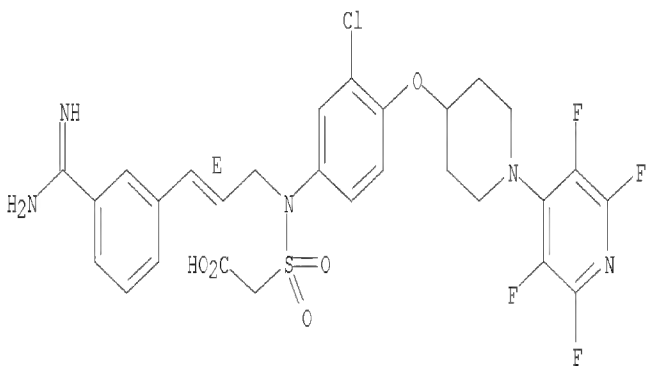
Double bond geometry as shown.



●2 HCl

RN 470476-61-0 CAPLUS
CN Acetic acid, [[[(2E)-3-[3-(aminoiminomethyl)phenyl]-2-propenyl][3-chloro-4-[[1-(2,3,5,6-tetrafluoro-4-pyridinyl)-4-piperidinyl]oxy]phenyl]amino]sulfonyl]-, dihydrochloride (9CI) (CA INDEX NAME)

Double bond geometry as shown.

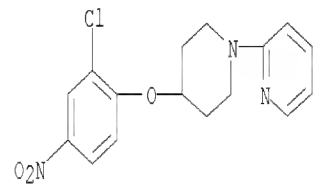


●2 HCl

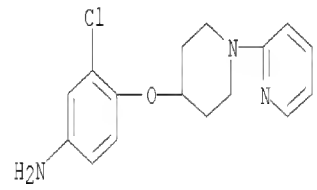
IT 470477-34-0P, 3-Chloro-4-[1-(2-pyridyl)piperidin-4-yloxy]nitrobenzene 470477-35-1P, 3-Chloro-4-[1-(2-pyridyl)piperidin-4-yloxy]aniline 470477-36-2P 470477-37-3P 470477-38-4P, 3-Chloro-4-[1-(3-pyridyl)piperidin-4-yloxy]nitrobenzene 470477-39-5P, 3-Chloro-4-[1-(3-pyridyl)piperidin-4-yloxy]aniline 470477-40-8P 470477-41-9P 470477-42-0P, 3-Chloro-4-[1-(4-pyridyl)piperidin-4-yloxy]nitrobenzene 470477-44-2P, 3-Chloro-4-[1-(4-pyridyl)piperidin-4-yloxy]aniline 470477-46-4P 470477-47-5P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT

(Reactant or reagent)
(preparation of benzamidines as blood-coagulation factor Xa inhibitors for treatment of cardiovascular diseases)

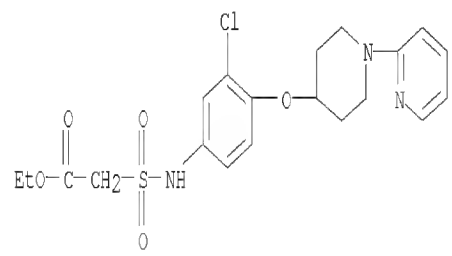
RN 470477-34-0 CAPLUS
CN Pyridine, 2-[4-(2-chloro-4-nitrophenoxy)-1-piperidinyl]- (CA INDEX NAME)



RN 470477-35-1 CAPLUS
CN Benzenamine, 3-chloro-4-[[1-(2-pyridinyl)-4-piperidinyl]oxy]- (CA INDEX NAME)

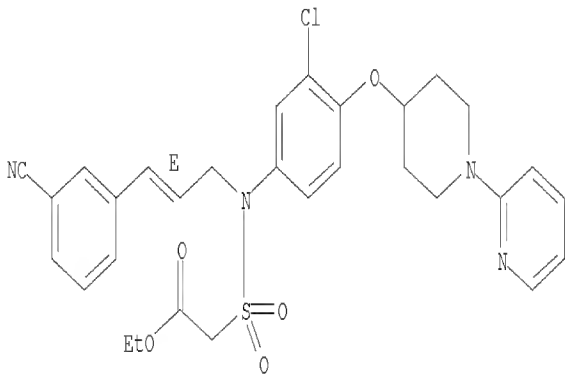


RN 470477-36-2 CAPLUS
CN Acetic acid, [[[3-chloro-4-[[1-(2-pyridinyl)-4-piperidinyl]oxy]phenyl]amino]sulfonyl]-, ethyl ester (9CI) (CA INDEX NAME)

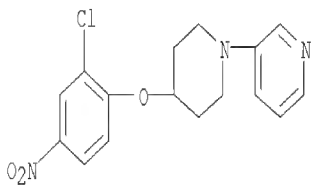


RN 470477-37-3 CAPLUS
CN Acetic acid, [[[3-chloro-4-[[1-(2-pyridinyl)-4-piperidinyl]oxy]phenyl][(2E)-3-(3-cyanophenyl)-2-propenyl]amino]sulfonyl]-, ethyl ester (9CI) (CA INDEX NAME)

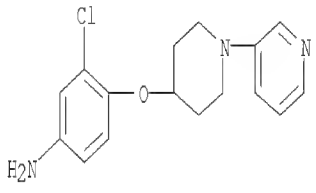
Double bond geometry as shown.



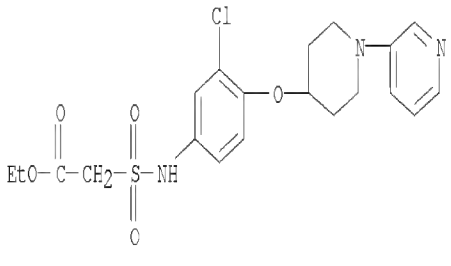
RN 470477-38-4 CAPLUS
CN Pyridine, 3-[4-(2-chloro-4-nitrophenoxy)-1-piperidinyl]- (CA INDEX NAME)



RN 470477-39-5 CAPLUS
CN Benzenamine, 3-chloro-4-[[1-(3-pyridinyl)-4-piperidinyl]oxy]- (CA INDEX NAME)

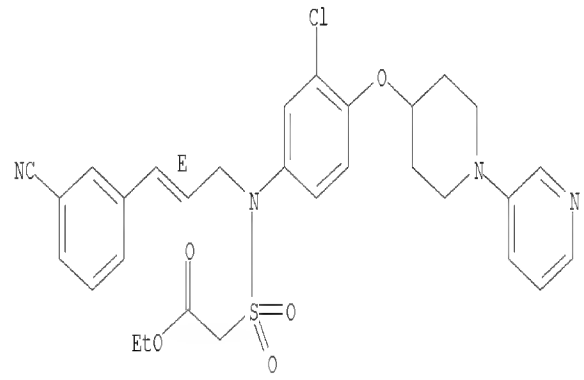


RN 470477-40-8 CAPLUS
CN Acetic acid, [[[3-chloro-4-[[1-(3-pyridinyl)-4-piperidinyl]oxy]phenyl]amino]sulfonyl]-, ethyl ester (9CI) (CA INDEX NAME)

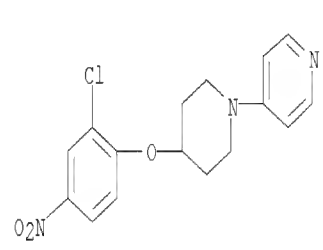


RN 470477-41-9 CAPLUS
CN Acetic acid, [[[3-chloro-4-[[1-(3-pyridinyl)-4-piperidinyl]oxy]phenyl][(2E)-3-(3-cyanophenyl)-2-propenyl]amino]sulfonyl]-, ethyl ester (9CI) (CA INDEX NAME)

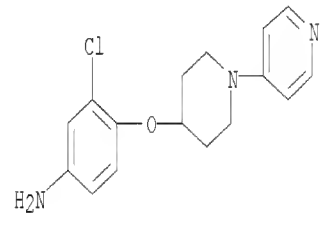
Double bond geometry as shown.



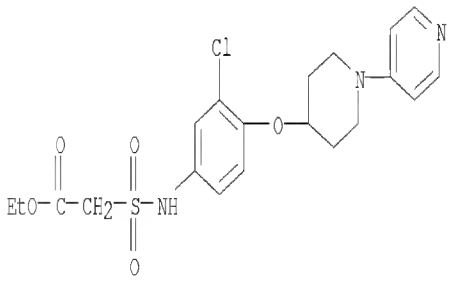
RN 470477-42-0 CAPLUS
CN Pyridine, 4-[4-(2-chloro-4-nitrophenoxy)-1-piperidinyl]- (CA INDEX NAME)



RN 470477-44-2 CAPLUS
CN Benzenamine, 3-chloro-4-[[1-(4-pyridinyl)-4-piperidinyl]oxy]- (CA INDEX NAME)

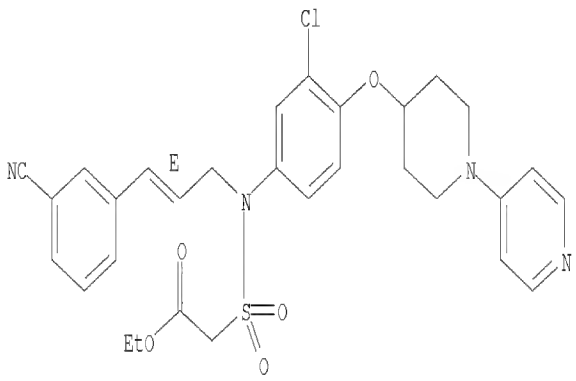


RN 470477-46-4 CAPLUS
CN Acetic acid, [[[3-chloro-4-[[1-(4-pyridinyl)-4-piperidinyl]oxy]phenyl]amino]sulfonyl]-, ethyl ester (9CI) (CA INDEX NAME)



RN 470477-47-5 CAPLUS
CN Acetic acid, [[[3-chloro-4-[[1-(4-pyridinyl)-4-piperidinyl]oxy]phenyl][(2E)-3-(3-cyanophenyl)-2-propenyl]amino]sulfonyl]-, ethyl ester (9CI) (CA INDEX NAME)

Double bond geometry as shown.



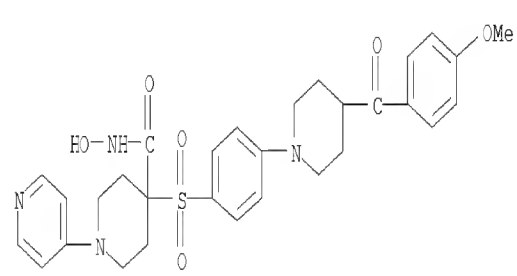
L5 ANSWER 18 OF 38 CAPLUS COPYRIGHT 2008 ACS on STN
2003:300620 Document No. 138:321016 Preparation of aromatic sulfone hydroxamic acids and their use as protease inhibitors. Barta, Thomas E.; Becker, Daniel P.; Bedell, Louis J.; Boehm, Terri L.; Carroll, Jeffery N.; Decrescenzo, Gary A.; Fobian, Yvette M.; Freskos, John N.; Getman, Daniel P.; McDonald, Joseph J.; Li, Madeleine H.; Hockerman, Susan L.; Howard, Carol Pearcy; Kolodziej, Steve A.; Mischke, Deborah A.; Rico, Joseph G.; Stehle, Nathan W.; Tollefson, Michael B.; Vernier, William F.; Villamil, Clara I.; Kassab, Darren J. (Pharmacia Corp., USA). U.S. Pat. Appl. Publ. US 2003073718 A1 20030417, 99 pp., Cont. of U.S. Ser. No. 570,731. (English). CODEN: USXXCO. APPLICATION: US 2001-989943 20011121. PRIORITY: US 2000-570731 20000512.
GI

* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *

AB Title compds. I [Z = C(O), O, S, NR6, etc.; R6 = H, CHO, sulfonyl, etc.; E = bond, C(O), S; Y = H, alkyl, alkoxy, haloalkyl, aryl, etc.; R = H, CN, perfluoroalkyl, trifluoromethoxy, etc.] are prepared For instance, Me chloroacetate is reacted with p-fluorothiophenol and the resulting sulfide oxidized to the sulfone (MeOHaq, Oxone), reacted with bis(2-bromoethyl)ether (DMAC, K2CO3, DMAP, Bu4NBr), saponified (THF, KOTMS) and coupled to a solid support to give II [P = polymer support]. II is reacted with Et isonipecotate (NMP, 80°, 65 h), the product saponified (dioxane, KOH), coupled with 3,5-dimethylpiperidine and released from the resin to give hydroxamic acid III. Example compds. are tested for inhibition of MMP-13, MMP-2 and MMP-1. I are useful for disorders associated with MMP and/or aggrecanase activity.
IT 308826-25-7P
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(aromatic sulfone hydroxamic acids and their use as protease inhibitors)
RN 308826-25-7 CAPLUS
CN 4-Piperidinecarboxamide, N-hydroxy-4-[[4-[4-(4-methoxybenzoyl)-1-piperidinyl]phenyl]sulfonyl]-1-(4-pyridinyl)-, mono(trifluoroacetate) (salt) (9CI) (CA INDEX NAME)

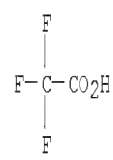
CM 1

CRN 308826-24-6
CMF C30 H34 N4 O6 S



CM 2

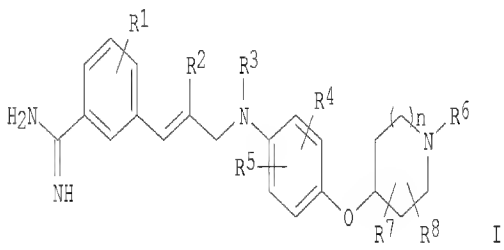
CRN 76-05-1
CMF C2 H F3 O2



L5 ANSWER 19 OF 38 CAPLUS COPYRIGHT 2008 ACS on STN

2002:868737 Document No. 137:369982 Preparation of 2-[3-[4-(4-piperidinyloxy)anilino]-1-propenyl]benzamidine derivatives and composition containing them for iontophoresis. Fujimoto, Koichi; Tanaka, Naoki; Shimada, Ikuko; Asai, Fumitoshi; Inoue, Kazuhiro; Okada, Junichi (Sankyo Company, Limited, Japan). PCT Int. Appl. WO 2002089803 A1 20021114, 400 pp. DESIGNATED STATES: W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM; RW: AT, BE, BF, BJ, CF, CG, CH, CI, CM, CY, DE, DK, ES, FI, FR, GA, GB, GR, IE, IT, LU, MC, ML, MR, NE, NL, PT, SE, SN, TD, TG, TR. (Japanese). CODEN: PIXXD2. APPLICATION: WO 2002-JP4422 20020507. PRIORITY: JP 2001-136159 20010507.

GI



I

AB An iontophoresis composition for blood clotting factor X inhibitors which contains either a benzamidine derivative having the general formula (I) [wherein R1 = H, halo, alkyl, HO; R2 = H, halo, C1-6 alkyl; R3 = H, C1-6 alkyl, C1-6 hydroxyalkyl, C2-7 carboxyalkyl, C3-13 alkoxycarbonylalkyl, C7-16 aralkyl, C2-7 aliphatic acyl, C2-7 hydroxy-aliphatic acyl, C1-6 alkylsulfonyl, C3-13 alkoxycarbonylalkylsulfonyl, C2-7 carboxyalkylsulfonyl, C3-8 carboxyalkylcarbonyl; R4, R5 = H, halo, C1-6 alkyl, C1-6 haloalkyl, C1-6 alkoxy, CO2H, C2-7 alkoxycarbonyl, CONH2, C2-7 monoalkyl or C3-13 dialkylcarbamoyl; R6 = H, C1-6 alkyl, C3-8 cycloalkyl, C7-16 aralkyl, heterocyclyl-C1-6 alkyl, C2-7 carboxyalkyl, C3-13 alkoxycarbonylalkyl, C2-7 aliphatic acyl, C7-11 aromatic acyl, CONH2, C1-6 alkylsulfonyl, C6-10 aryl, heterocyclyl, formimidoyl, C2-7 1-iminoalkyl, C2-7 N-alkylformimidoyl, C7-11 iminoarylmethyl; R7, R8 = H, C1-6 alkyl; or R6 and R7 or R7 and R8 together represent C2-5 alkylene; n = 0, 1,2] or a pharmacol. acceptable salt of the derivative is disclosed. The compds. I are readily absorbed through skin and useful as remedies or preventives for thrombus or embolus by iontophoresis. Thus, 0.39 g Et acetimidate hydrochloride and 0.87 mL Et3N were added to a solution of [N-[(E)-3-(3-amidinophenyl)-2-methyl-2-propenyl]-N-[3-carbamoyl-4-(piperidin-4-yloxy)phenyl]sulfamoyl]acetic acid Et ester in 20 mL ethanol and stirred at room temperature for 6 h to give 75% [N-[4-((1-acetimidoylpiperidin-4-yl)oxy)-3-carbamoyl-N-[(E)-3-(3-amidinophenyl)-2-methyl-2-propenyl]phenyl]sulfamoyl]acetic acid Et ester dihydrochloride which (0.64 g) was dissolved in 20 mL 3 N aqueous HCl and heated at 80° for 2 h to give [N-[4-((1-acetimidoylpiperidin-4-yl)oxy)-3-carbamoylphenyl]-N-[(E)-3-(3-amidinophenyl)-2-methyl-2-

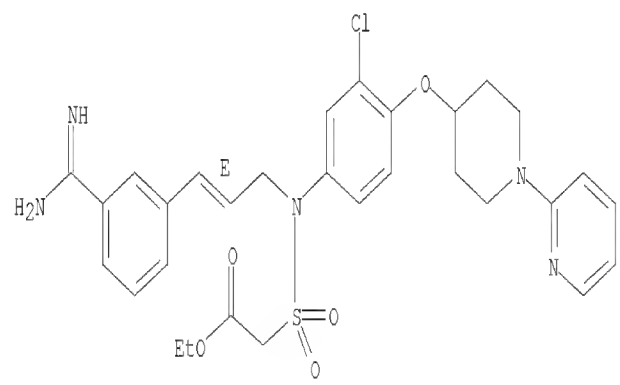
propenyl]sulfamoyl]acetic acid dihydrochloride (II). II in vitro exhibited an iontophoresis skin permeability (flux) of 90±7 μg/h/cm2 using a hairless mice skin at skin current of 100 μA/cm2. The 15 compds. I exhibited higher skin permeability compared to two reference compds.

IT 470476-01-8P 470476-03-0P 470476-05-2P
470476-33-6P 470476-39-2P 470476-45-0P
470476-49-4P 470476-55-2P 470476-60-9P
RL: PAC (Pharmacological activity); RCT (Reactant); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent); USES (Uses)
(preparation of [[(piperidinyloxy)anilino]propenyl]benzamidine derivs. as blood clotting factor X inhibitors for treatment of thrombus and embolus by iontophoresis)

RN 470476-01-8 CAPLUS

CN Acetic acid, [[[(2E)-3-[3-(aminoiminomethyl)phenyl]-2-propenyl][3-chloro-4-[[1-(2-pyridinyl)-4-piperidinyl]oxy]phenyl]amino]sulfonyl]-, ethyl ester, dihydrochloride (9CI) (CA INDEX NAME)

Double bond geometry as shown.

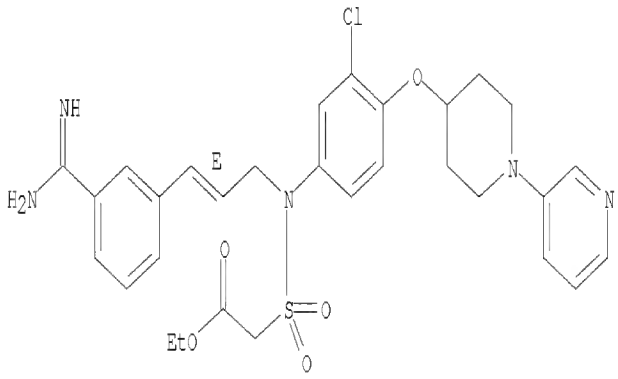


● 2 HCl

RN 470476-03-0 CAPLUS

CN Acetic acid, [[[(2E)-3-[3-(aminoiminomethyl)phenyl]-2-propenyl][3-chloro-4-[[1-(3-pyridinyl)-4-piperidinyl]oxy]phenyl]amino]sulfonyl]-, ethyl ester, dihydrochloride (9CI) (CA INDEX NAME)

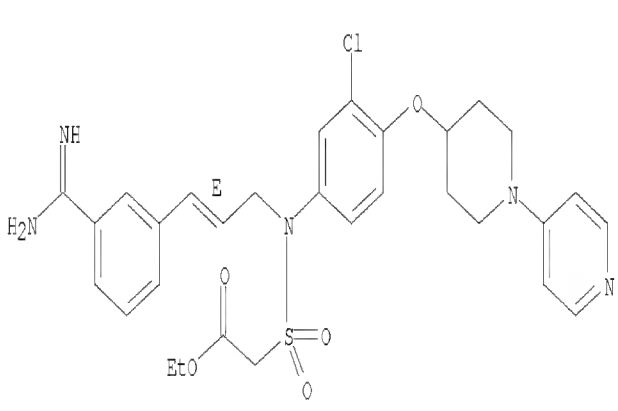
Double bond geometry as shown.



●2 HCl

RN 470476-05-2 CAPLUS
CN Acetic acid, [[[(2E)-3-[3-(aminoiminomethyl)phenyl]-2-propenyl][3-chloro-4-[[1-(4-pyridinyl)-4-piperidinyl]oxy]phenyl]amino]sulfonyl]-, ethyl ester, dihydrochloride (9CI) (CA INDEX NAME)

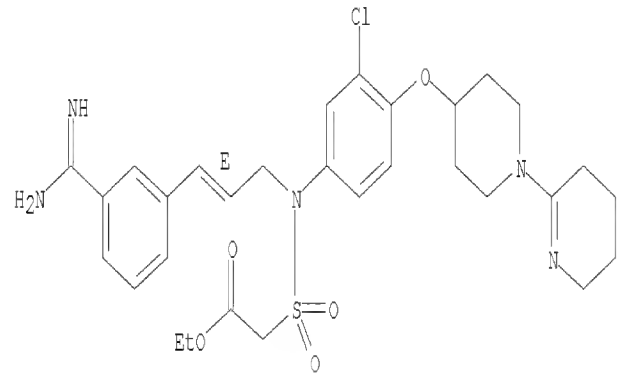
Double bond geometry as shown.



●2 HCl

RN 470476-33-6 CAPLUS
CN Acetic acid, [[[(2E)-3-[3-(aminoiminomethyl)phenyl]-2-propenyl][3-chloro-4-[[1-(3,4,5,6-tetrahydro-2-pyridinyl)-4-piperidinyl]oxy]phenyl]amino]sulfonyl]-, ethyl ester, dihydrochloride (9CI) (CA INDEX NAME)

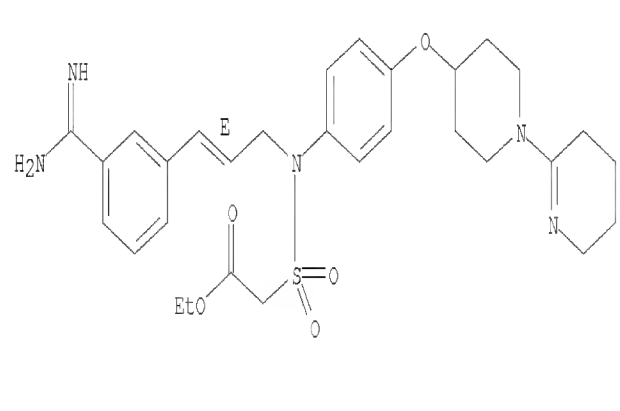
Double bond geometry as shown.



●2 HCl

RN 470476-39-2 CAPLUS
CN Acetic acid, [[[(2E)-3-[3-(aminoiminomethyl)phenyl]-2-propenyl][4-[[1-(3,4,5,6-tetrahydro-2-pyridinyl)-4-piperidinyl]oxy]phenyl]amino]sulfonyl]-, ethyl ester, dihydrochloride (9CI) (CA INDEX NAME)

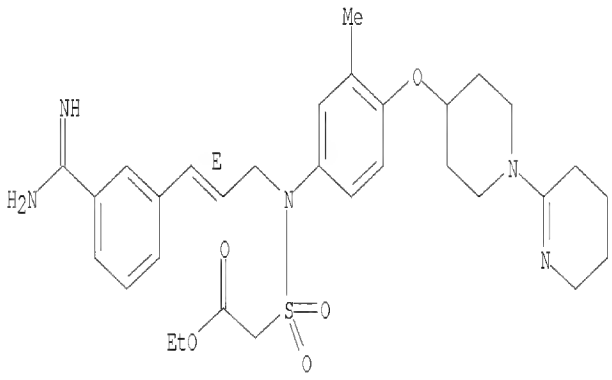
Double bond geometry as shown.



●2 HCl

RN 470476-45-0 CAPLUS
CN Acetic acid, [[[(2E)-3-[3-(aminoiminomethyl)phenyl]-2-propenyl][3-methyl-4-[[1-(3,4,5,6-tetrahydro-2-pyridinyl)-4-piperidinyl]oxy]phenyl]amino]sulfonyl]-, ethyl ester, dihydrochloride (9CI) (CA INDEX NAME)

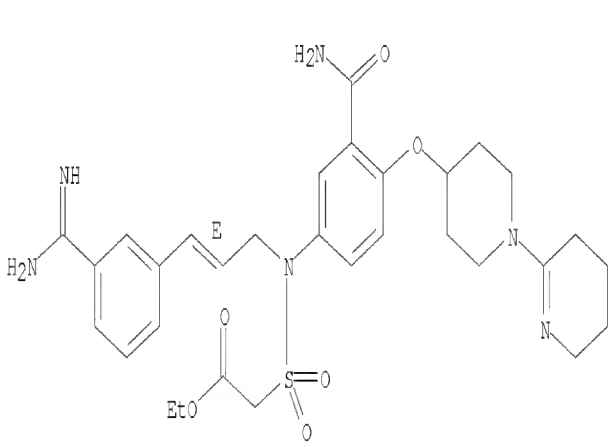
Double bond geometry as shown.



●2 HCl

RN 470476-49-4 CAPLUS
CN Acetic acid, [[[3-(aminocarbonyl)-4-[[1-(3,4,5,6-tetrahydro-2-pyridinyl)-4-piperidinyl]oxy]phenyl][(2E)-3-[3-(aminoiminomethyl)phenyl]-2-propenyl]amino]sulfonyl]-, ethyl ester, dihydrochloride (9CI) (CA INDEX NAME)

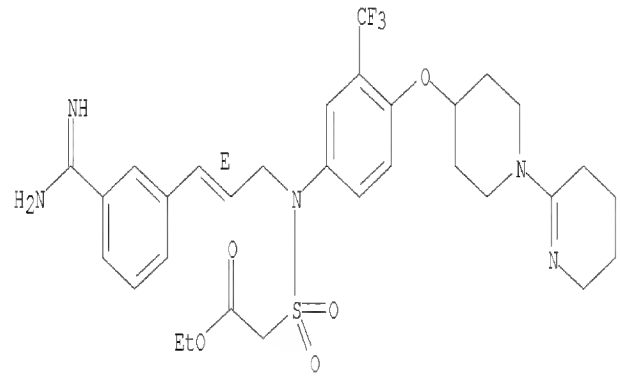
Double bond geometry as shown.



●2 HCl

RN 470476-55-2 CAPLUS
CN Acetic acid, [[[(2E)-3-[3-(aminoiminomethyl)phenyl]-2-propenyl][4-[[1-(3,4,5,6-tetrahydro-2-pyridinyl)-4-piperidinyl]oxy]-3-(trifluoromethyl)phenyl]amino]sulfonyl]-, ethyl ester, dihydrochloride (9CI) (CA INDEX NAME)

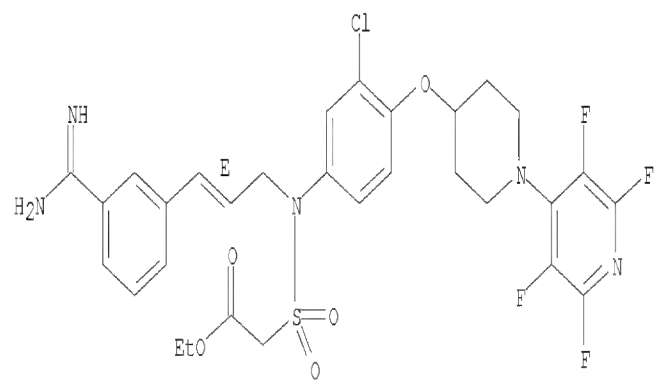
Double bond geometry as shown.



●2 HCl

RN 470476-60-9 CAPLUS
CN Acetic acid, [[[(2E)-3-[3-(aminoiminomethyl)phenyl]-2-propenyl][3-chloro-4-[[1-(2,3,5,6-tetrafluoro-4-pyridinyl)-4-piperidinyl]oxy]phenyl]amino]sulfonyl]-, ethyl ester, dihydrochloride (9CI) (CA INDEX NAME)

Double bond geometry as shown.

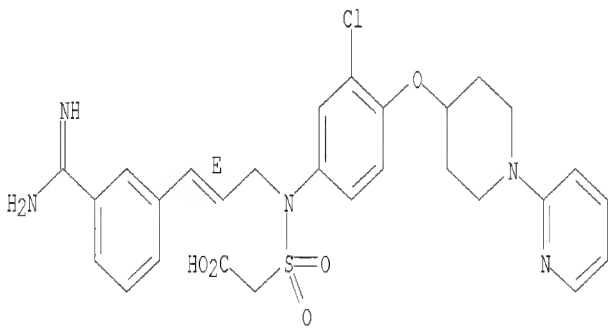


●2 HCl

IT 470476-02-9P 470476-04-1P 470476-06-3P
470476-34-7P 470476-40-5P 470476-46-1P
470476-50-7P 470476-56-3P 470476-61-0P
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of [[(piperidinyloxy)anilino]propenyl]benzamidine derivs. as blood clotting factor X inhibitors for treatment of thrombus and embolus by iontophoresis)
RN 470476-02-9 CAPLUS
CN Acetic acid, [[[(2E)-3-[3-(aminoiminomethyl)phenyl]-2-propenyl][3-chloro-4-

[[1-(2-pyridinyl)-4-piperidinyl]oxy]phenyl]amino}sulfonyl]-,
dihydrochloride (9CI) (CA INDEX NAME)

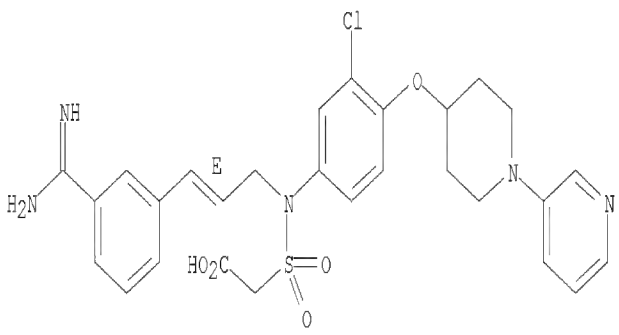
Double bond geometry as shown.



●2 HCl

RN 470476-04-1 CAPLUS
CN Acetic acid, [[[(2E)-3-[3-(aminoiminomethyl)phenyl]-2-propenyl][3-chloro-4-[[1-(3-pyridinyl)-4-piperidinyl]oxy]phenyl]amino]sulfonyl]-,
dihydrochloride (9CI) (CA INDEX NAME)

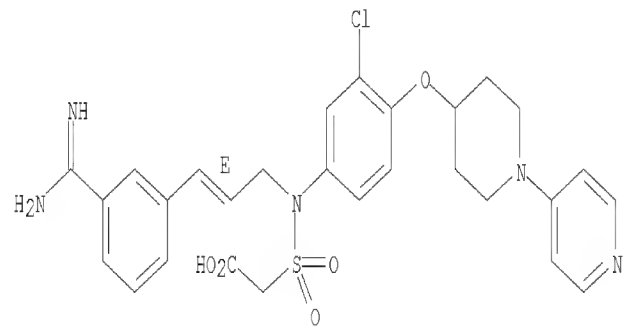
Double bond geometry as shown.



●2 HCl

RN 470476-06-3 CAPLUS
CN Acetic acid, [[[(2E)-3-[3-(aminoiminomethyl)phenyl]-2-propenyl][3-chloro-4-[[1-(4-pyridinyl)-4-piperidinyl]oxy]phenyl]amino]sulfonyl]-,
dihydrochloride (9CI) (CA INDEX NAME)

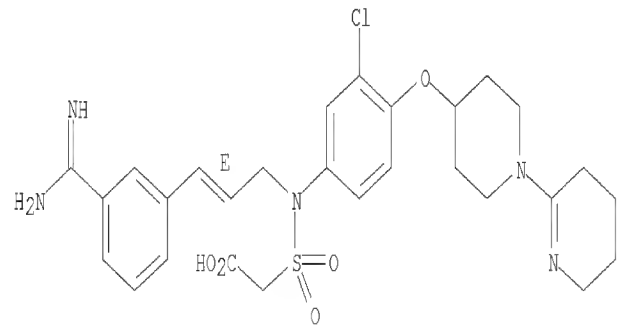
Double bond geometry as shown.



●2 HCl

RN 470476-34-7 CAPLUS
CN Acetic acid, [[[(2E)-3-[3-(aminoiminomethyl)phenyl]-2-propenyl][3-chloro-4-[[1-(3,4,5,6-tetrahydro-2-pyridinyl)-4-piperidinyl]oxy]phenyl]amino]sulfonyl]-, dihydrochloride (9CI) (CA INDEX NAME)

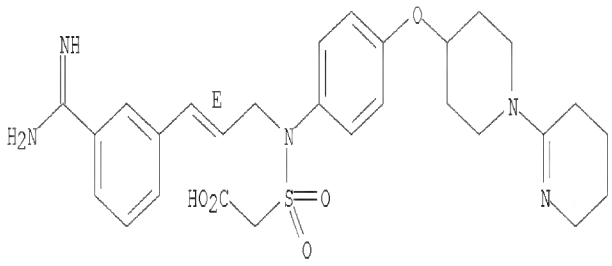
Double bond geometry as shown.



●2 HCl

RN 470476-40-5 CAPLUS
CN Acetic acid, [[[(2E)-3-[3-(aminoiminomethyl)phenyl]-2-propenyl][4-[[1-(3,4,5,6-tetrahydro-2-pyridinyl)-4-piperidinyl]oxy]phenyl]amino]sulfonyl]-, dihydrochloride (9CI) (CA INDEX NAME)

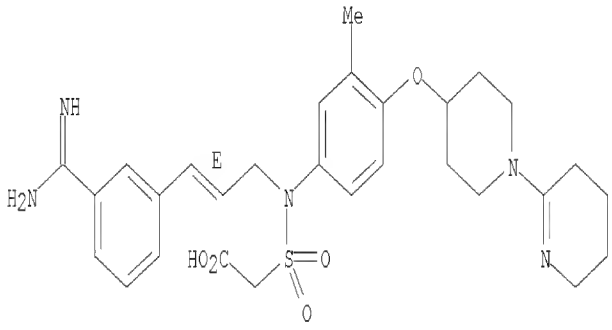
Double bond geometry as shown.



● 2 HCl

RN 470476-46-1 CAPLUS
CN Acetic acid, [[[(2E)-3-[3-(aminoiminomethyl)phenyl]-2-propenyl][3-methyl-4-[[1-(3,4,5,6-tetrahydro-2-pyridinyl)-4-piperidinyl]oxy]phenyl]amino]sulfonyl]-, dihydrochloride (9CI) (CA INDEX NAME)

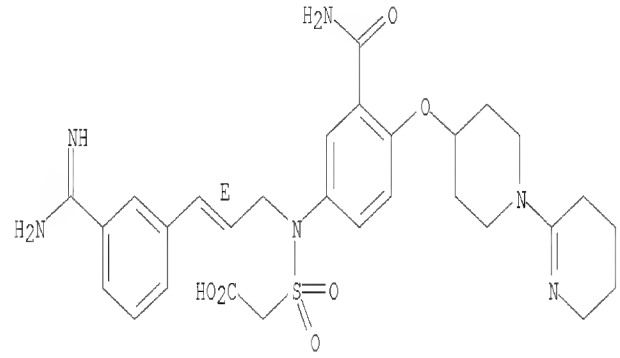
Double bond geometry as shown.



● 2 HCl

RN 470476-50-7 CAPLUS
CN Acetic acid, [[[3-(aminocarbonyl)-4-[[1-(3,4,5,6-tetrahydro-2-pyridinyl)-4-piperidinyl]oxy]phenyl][(2E)-3-[3-(aminoiminomethyl)phenyl]-2-propenyl]amino]sulfonyl]-, dihydrochloride (9CI) (CA INDEX NAME)

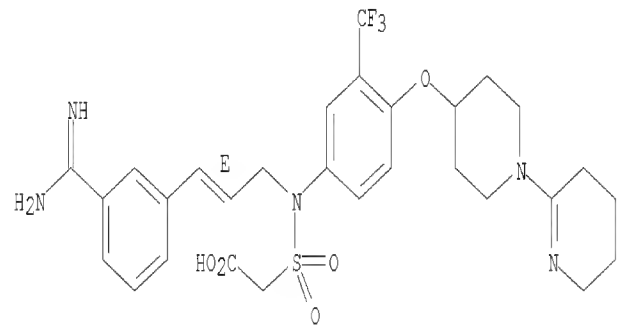
Double bond geometry as shown.



● 2 HCl

RN 470476-56-3 CAPLUS
CN Acetic acid, [[[(2E)-3-[3-(aminoiminomethyl)phenyl]-2-propenyl][4-[[1-(3,4,5,6-tetrahydro-2-pyridinyl)-4-piperidinyl]oxy]-3-(trifluoromethyl)phenyl]amino]sulfonyl]-, dihydrochloride (9CI) (CA INDEX NAME)

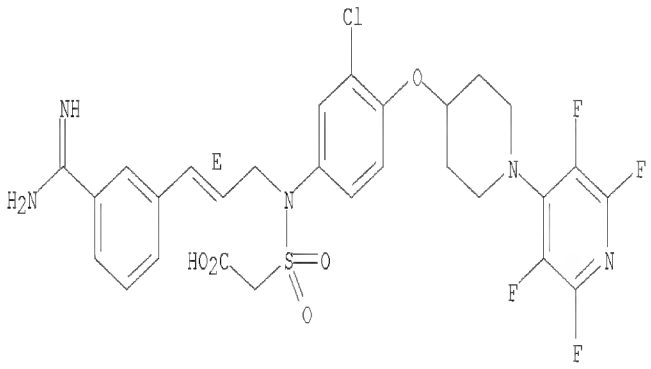
Double bond geometry as shown.



● 2 HCl

RN 470476-61-0 CAPLUS
CN Acetic acid, [[[(2E)-3-[3-(aminoiminomethyl)phenyl]-2-propenyl][3-chloro-4-[[1-(2,3,5,6-tetrafluoro-4-pyridinyl)-4-piperidinyl]oxy]phenyl]amino]sulfonyl]-, dihydrochloride (9CI) (CA INDEX NAME)

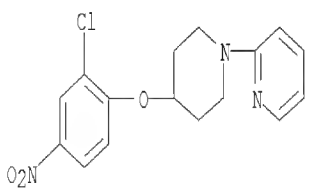
Double bond geometry as shown.



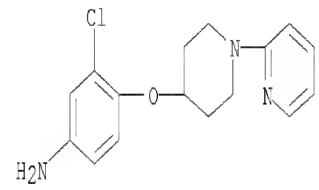
● 2 HCl

IT 470477-34-0P, 3-Chloro-4-[1-(2-pyridyl)piperidin-4-yloxy]nitrobenzene 470477-35-1P, 3-Chloro-4-[1-(2-pyridyl)piperidin-4-yloxy]aniline 470477-36-2P, [N-[3-Chloro-4-[1-(2-pyridyl)piperidin-4-yloxy]phenyl]sulfamoyl]acetic acid ethyl ester 470477-37-3P 470477-38-4P, 3-Chloro-4-[1-(3-pyridyl)piperidin-4-yloxy]nitrobenzene 470477-39-5P, 3-Chloro-4-[1-(3-pyridyl)piperidin-4-yloxy]aniline 470477-40-8P, [N-[3-Chloro-4-[1-(3-pyridyl)piperidin-4-yloxy]phenyl]sulfamoyl]acetic acid ethyl ester 470477-41-9P 470477-42-0P, 3-Chloro-4-[1-(4-pyridyl)piperidin-4-yloxy]nitrobenzene 470477-44-2P, 3-Chloro-4-[1-(4-pyridyl)piperidin-4-yloxy]aniline 470477-46-4P, [N-[3-Chloro-4-[1-(4-pyridyl)piperidin-4-yloxy]phenyl]sulfamoyl]acetic acid ethyl ester 470477-47-5P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation of [[(piperidinyloxy)anilino]propenyl]benzamidine derivs. as blood clotting factor X inhibitors for treatment of thrombus and embolus by iontophoresis)

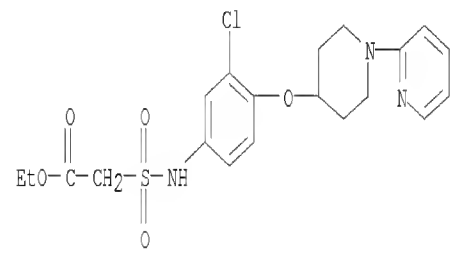
RN 470477-34-0 CAPLUS
CN Pyridine, 2-[4-(2-chloro-4-nitrophenoxy)-1-piperidinyl]- (CA INDEX NAME)



RN 470477-35-1 CAPLUS
CN Benzenamine, 3-chloro-4-[[1-(2-pyridinyl)-4-piperidinyl]oxy]- (CA INDEX NAME)

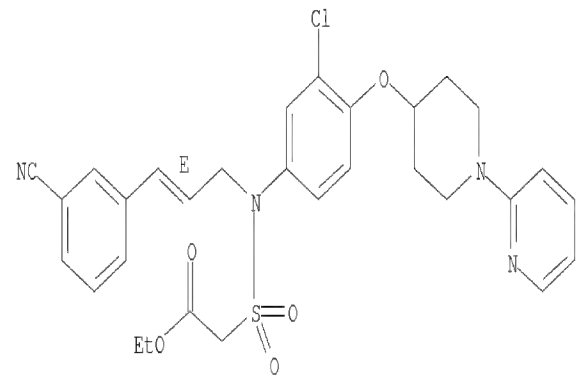


RN 470477-36-2 CAPLUS
CN Acetic acid, [[[3-chloro-4-[[1-(2-pyridinyl)-4-piperidinyl]oxy]phenyl]amino]sulfonyl]-, ethyl ester (9CI) (CA INDEX NAME)

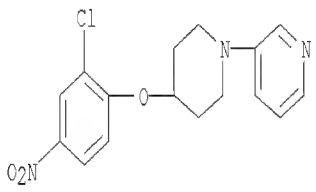


RN 470477-37-3 CAPLUS
CN Acetic acid, [[[3-chloro-4-[[1-(2-pyridinyl)-4-piperidinyl]oxy]phenyl][(2E)-3-(3-cyanophenyl)-2-propenyl]amino]sulfonyl]-, ethyl ester (9CI) (CA INDEX NAME)

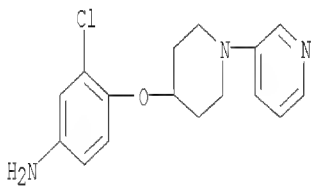
Double bond geometry as shown.



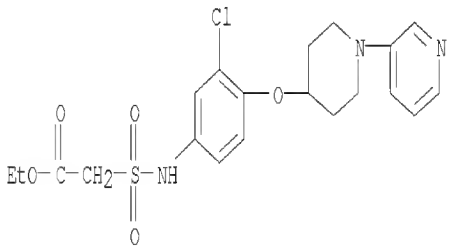
RN 470477-38-4 CAPLUS
CN Pyridine, 3-[4-(2-chloro-4-nitrophenoxy)-1-piperidinyl]- (CA INDEX NAME)



RN 470477-39-5 CAPLUS
CN Benzenamine, 3-chloro-4-[[1-(3-pyridinyl)-4-piperidinyl]oxy]- (CA INDEX NAME)

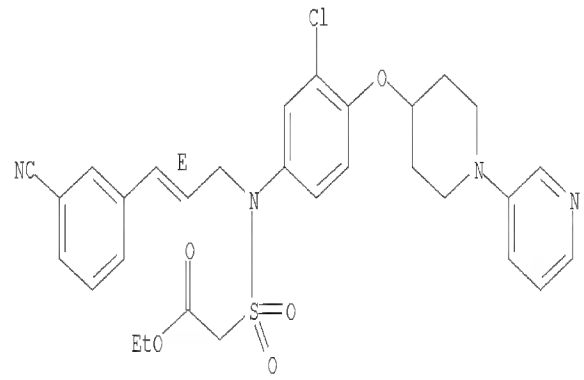


RN 470477-40-8 CAPLUS
CN Acetic acid, [[[3-chloro-4-[[1-(3-pyridinyl)-4-piperidinyl]oxy]phenyl]amino]sulfonyl]-, ethyl ester (9CI) (CA INDEX NAME)

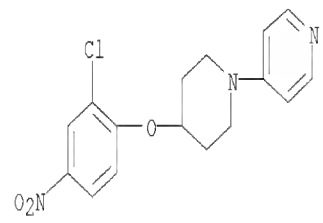


RN 470477-41-9 CAPLUS
CN Acetic acid, [[[3-chloro-4-[[1-(3-pyridinyl)-4-piperidinyl]oxy]phenyl][(2E)-3-(3-cyanophenyl)-2-propenyl]amino]sulfonyl]-, ethyl ester (9CI) (CA INDEX NAME)

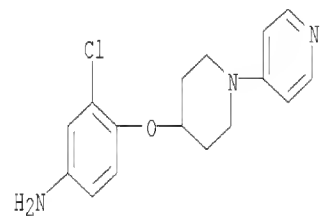
Double bond geometry as shown.



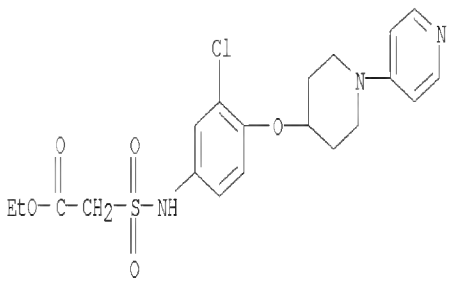
RN 470477-42-0 CAPLUS
CN Pyridine, 4-[4-(2-chloro-4-nitrophenoxy)-1-piperidinyl]- (CA INDEX NAME)



RN 470477-44-2 CAPLUS
CN Benzenamine, 3-chloro-4-[[1-(4-pyridinyl)-4-piperidinyl]oxy]- (CA INDEX NAME)



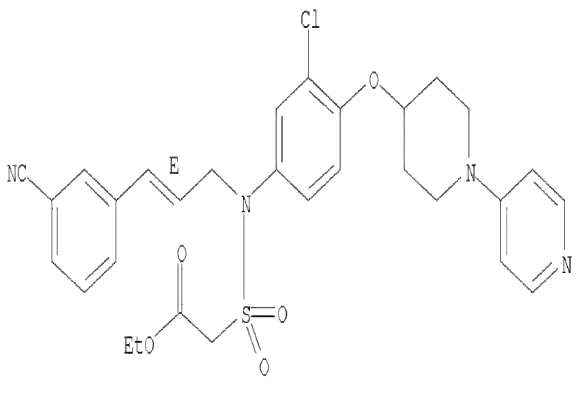
RN 470477-46-4 CAPLUS
CN Acetic acid, [[[3-chloro-4-[[1-(4-pyridinyl)-4-piperidinyl]oxy]phenyl]amino]sulfonyl]-, ethyl ester (9CI) (CA INDEX NAME)



RN 470477-47-5 CAPLUS

CN Acetic acid, [[[3-chloro-4-[[1-(4-pyridinyl)-4-piperidinyl]oxy]phenyl][(2E)-3-(3-cyanophenyl)-2-propenyl]amino]sulfonyl]-, ethyl ester (9CI) (CA INDEX NAME)

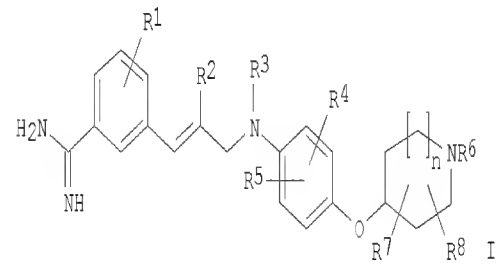
Double bond geometry as shown.



L5 ANSWER 20 OF 38 CAPLUS COPYRIGHT 2008 ACS on STN

2002:793603 Document No. 137:310926 Preparation of benzamidine derivatives as inhibitors of activated blood coagulation factor X. Fujimoto, Koichi; Tanaka, Naoki; Shimada, Ikuko; Asai, Fumitoshi (Sankyo Company, Limited, Japan). PCT Int. Appl. WO 2002081448 A1 20021017, 314 pp. DESIGNATED STATES: W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM; RW: AT, BE, BF, BJ, CF, CG, CH, CI, CM, CY, DE, DK, ES, FI, FR, GA, GB, GR, IE, IT, LU, MC, ML, MR, NE, NL, PT, SE, SN, TD, TG, TR. (Japanese). CODEN: PIXXD2. APPLICATION: WO 2002-JP3355 20020403. PRIORITY: JP 2001-107615 20010405.

GI



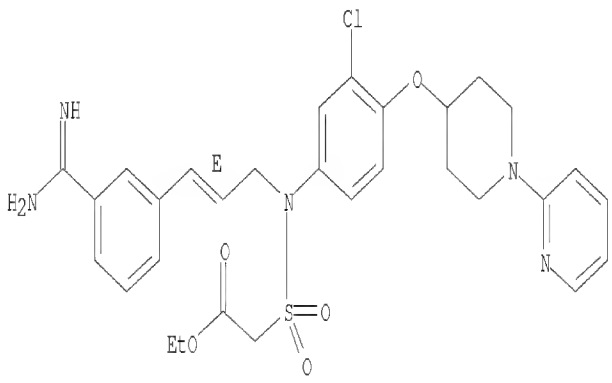
AB The title compds. I [R1 represents a hydrogen atom, a halogen atom, an alkyl group or a hydroxyl group, R2 represents a hydrogen atom or a halogen atom, R3 represents a hydrogen atom, an alkyl group optionally substituted, an aralkyl group, an alkylcarbonyl group optionally substituted, an alkylsulfonyl group optionally substituted, or the like, R4 and R5 each represent a hydrogen atom, a halogen atom, an alkyl or carbamoyl group optionally substituted, or the like, R6 represents a hetero-ring or the like, R7 and R8 each represent a hydrogen atom, an alkyl group, or the like, and n represents 0,1 or 2] are prepared I are useful in the therapy or prevention of blood coagulation diseases. Compds. of this invention in vitro showed IC50 values of 5.8 nM to 15 nM against factor Xa. Formulations are given.

IT 470476-01-8P, N-[3-(3-Amidinophenyl)-2-(E)-propenyl]-N-[3-chloro-4-[1-(2-pyridyl)piperidin-4-yloxy]phenyl]sulfamoylacetic acid ethyl ester dihydrochloride 470476-02-9P, N-[3-(3-Amidinophenyl)-2-(E)-propenyl]-N-[3-chloro-4-[1-(2-pyridyl)piperidin-4-yloxy]phenyl]sulfamoylacetic acid dihydrochloride 470476-03-0P, N-[3-(3-Amidinophenyl)-2-(E)-propenyl]-N-[3-chloro-4-[1-(3-pyridyl)piperidin-4-yloxy]phenyl]sulfamoylacetic acid ethyl ester dihydrochloride 470476-04-1P, N-[3-(3-Amidinophenyl)-2-(E)-propenyl]-N-[3-chloro-4-[1-(3-pyridyl)piperidin-4-yloxy]phenyl]sulfamoylacetic acid dihydrochloride 470476-05-2P, N-[3-(3-Amidinophenyl)-2-(E)-propenyl]-N-[3-chloro-4-[1-(4-pyridyl)piperidin-4-yloxy]phenyl]sulfamoylacetic acid ethyl ester dihydrochloride 470476-06-3P, N-[3-(3-Amidinophenyl)-2-(E)-propenyl]-N-[3-chloro-4-[1-(4-pyridyl)piperidin-4-yloxy]phenyl]sulfamoylacetic acid dihydrochloride 470476-33-6P, N-[3-(3-Amidinophenyl)-2-(E)-propenyl]-N-[3-chloro-4-[1-(2,3,4,5-tetrahydropyridin-6-yl)piperidin-4-yloxy]phenyl]sulfamoylacetic acid ethyl ester dihydrochloride 470476-34-7P, N-[3-(3-Amidinophenyl)-2-(E)-propenyl]-N-[3-chloro-4-[1-(2,3,4,5-tetrahydropyridin-6-yl)piperidin-4-yloxy]phenyl]sulfamoylacetic acid dihydrochloride 470476-39-2P, N-[3-(3-Amidinophenyl)-2-(E)-propenyl]-N-[4-[1-(2,3,4,5-tetrahydropyridin-6-yl)piperidin-4-yloxy]phenyl]sulfamoylacetic acid ethyl ester dihydrochloride 470476-40-5P, N-[3-(3-Amidinophenyl)-2-(E)-propenyl]-N-[4-[1-(2,3,4,5-tetrahydropyridin-6-yl)piperidin-4-yloxy]phenyl]sulfamoylacetic acid dihydrochloride 470476-45-0P, N-[3-(3-Amidinophenyl)-2-(E)-propenyl]-N-[3-methyl-4-[1-(2,3,4,5-tetrahydropyridin-6-yl)piperidin-4-yloxy]phenyl]sulfamoylacetic acid ethyl ester dihydrochloride 470476-46-1P, N-[3-(3-Amidinophenyl)-2-(E)-propenyl]-N-[3-methyl-4-[1-(2,3,4,5-tetrahydropyridin-6-yl)piperidin-4-yloxy]phenyl]sulfamoylacetic acid dihydrochloride 470476-49-4P, N-[3-(3-Amidinophenyl)-2-(E)-propenyl]-N-[3-carbamoyl-4-[1-(2,3,4,5-

tetrahydropyridin-6-yl)piperidin-4-yloxy]phenyl]sulfamoylacetic acid ethyl ester dihydrochloride 470476-50-7P, N-[3-(3-Amidinophenyl)-2-(E)-propenyl]-N-[3-carbamoyl-4-[1-(2,3,4,5-tetrahydropyridin-6-yl)piperidin-4-yloxy]phenyl]sulfamoylacetic acid dihydrochloride 470476-55-2P, N-[3-(3-Amidinophenyl)-2-(E)-propenyl]-N-[4-[1-(2,3,4,5-tetrahydropyridin-6-yl)piperidin-4-yloxy]-3-trifluoromethylphenyl]sulfamoylacetic acid ethyl ester dihydrochloride 470476-56-3P, N-[3-(3-Amidinophenyl)-2-(E)-propenyl]-N-[4-[1-(2,3,4,5-tetrahydropyridin-6-yl)piperidin-4-yloxy]-3-trifluoromethylphenyl]sulfamoylacetic acid dihydrochloride 470476-60-9P, N-[3-(3-Amidinophenyl)-2-(E)-propenyl]-N-[3-chloro-4-[1-(2,3,5,6-tetrafluoropyridin-4-yl)piperidin-4-yloxy]phenyl]sulfamoylacetic acid ethyl ester dihydrochloride 470476-61-0P, N-[3-(3-Amidinophenyl)-2-(E)-propenyl]-N-[3-chloro-4-[1-(2,3,5,6-tetrafluoropyridin-4-yl)piperidin-4-yloxy]phenyl]sulfamoylacetic acid dihydrochloride
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of benzamidine derivs. as inhibitors of activated blood coagulation factor X)

RN 470476-01-8 CAPLUS
CN Acetic acid, [[[(2E)-3-[3-(aminoiminomethyl)phenyl]-2-propenyl][3-chloro-4-[[1-(2-pyridinyl)-4-piperidinyl]oxy]phenyl]amino]sulfonyl]-, ethyl ester, dihydrochloride (9CI) (CA INDEX NAME)

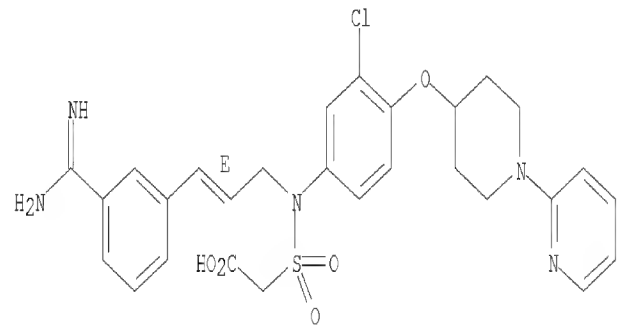
Double bond geometry as shown.



●2 HCl

RN 470476-02-9 CAPLUS
CN Acetic acid, [[[(2E)-3-[3-(aminoiminomethyl)phenyl]-2-propenyl][3-chloro-4-[[1-(2-pyridinyl)-4-piperidinyl]oxy]phenyl]amino]sulfonyl]-, dihydrochloride (9CI) (CA INDEX NAME)

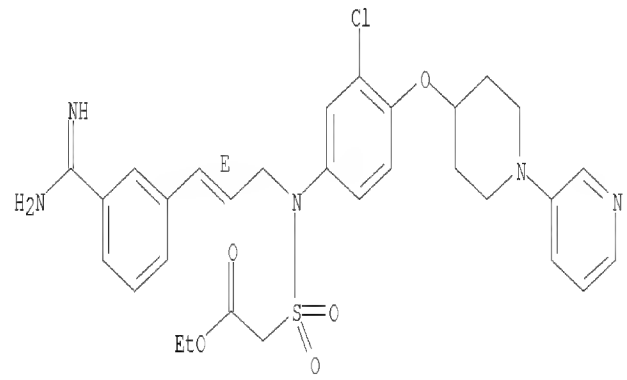
Double bond geometry as shown.



●2 HCl

RN 470476-03-0 CAPLUS
CN Acetic acid, [[[(2E)-3-[3-(aminoiminomethyl)phenyl]-2-propenyl][3-chloro-4-[[1-(3-pyridinyl)-4-piperidinyl]oxy]phenyl]amino]sulfonyl]-, ethyl ester, dihydrochloride (9CI) (CA INDEX NAME)

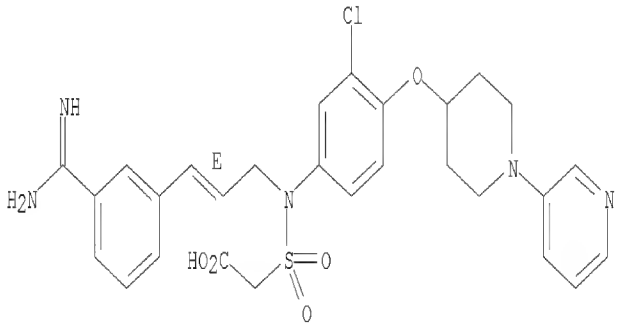
Double bond geometry as shown.



●2 HCl

RN 470476-04-1 CAPLUS
CN Acetic acid, [[[(2E)-3-[3-(aminoiminomethyl)phenyl]-2-propenyl][3-chloro-4-[[1-(3-pyridinyl)-4-piperidinyl]oxy]phenyl]amino]sulfonyl]-, dihydrochloride (9CI) (CA INDEX NAME)

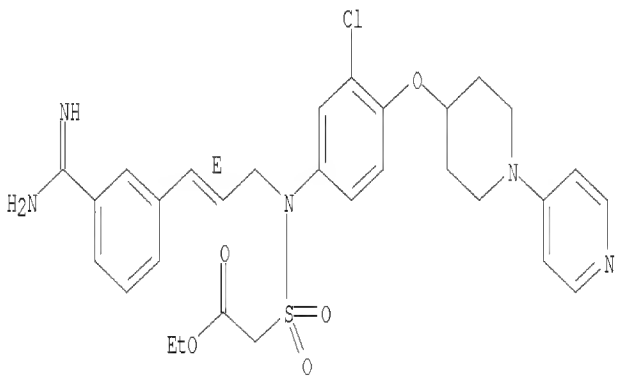
Double bond geometry as shown.



●2 HCl

RN 470476-05-2 CAPLUS
CN Acetic acid, [[[(2E)-3-[3-(aminoiminomethyl)phenyl]-2-propenyl][3-chloro-4-[[1-(4-pyridinyl)-4-piperidinyl]oxy]phenyl]amino]sulfonyl]-, ethyl ester, dihydrochloride (9CI) (CA INDEX NAME)

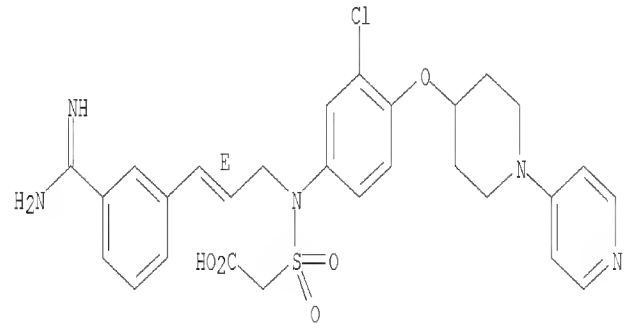
Double bond geometry as shown.



●2 HCl

RN 470476-06-3 CAPLUS
CN Acetic acid, [[[(2E)-3-[3-(aminoiminomethyl)phenyl]-2-propenyl][3-chloro-4-[[1-(4-pyridinyl)-4-piperidinyl]oxy]phenyl]amino]sulfonyl]-, dihydrochloride (9CI) (CA INDEX NAME)

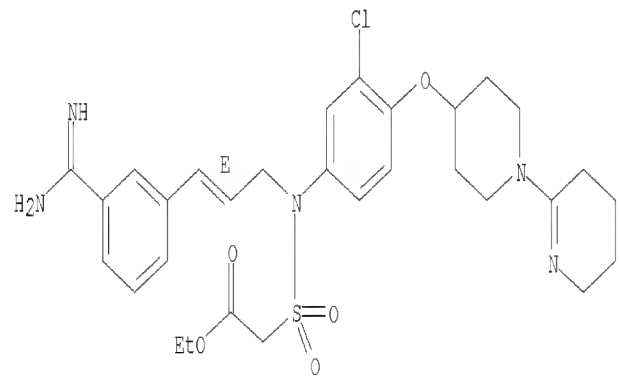
Double bond geometry as shown.



●2 HCl

RN 470476-33-6 CAPLUS
CN Acetic acid, [[[(2E)-3-[3-(aminoiminomethyl)phenyl]-2-propenyl][3-chloro-4-[[1-(3,4,5,6-tetrahydro-2-pyridinyl)-4-piperidinyl]oxy]phenyl]amino]sulfonyl]-, ethyl ester, dihydrochloride (9CI) (CA INDEX NAME)

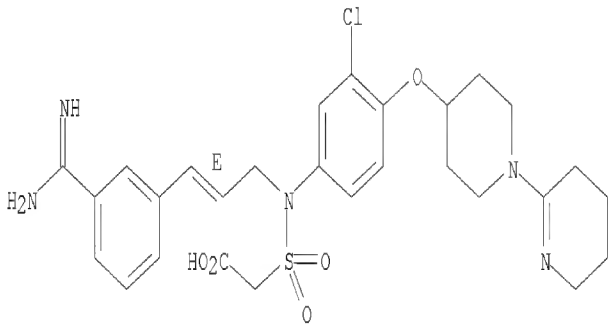
Double bond geometry as shown.



●2 HCl

RN 470476-34-7 CAPLUS
CN Acetic acid, [[[(2E)-3-[3-(aminoiminomethyl)phenyl]-2-propenyl][3-chloro-4-[[1-(3,4,5,6-tetrahydro-2-pyridinyl)-4-piperidinyl]oxy]phenyl]amino]sulfonyl]-, dihydrochloride (9CI) (CA INDEX NAME)

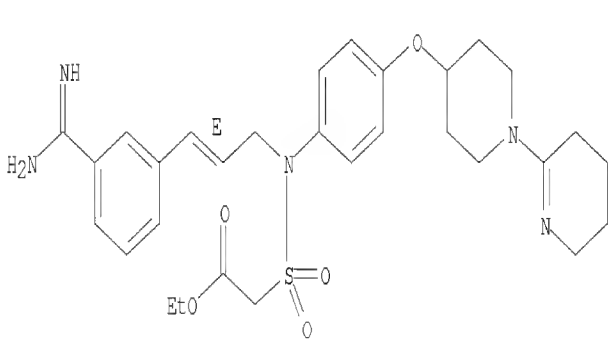
Double bond geometry as shown.



●2 HCl

RN 470476-39-2 CAPLUS
CN Acetic acid, [[[(2E)-3-[3-(aminoiminomethyl)phenyl]-2-propenyl][4-[[1-(3,4,5,6-tetrahydro-2-pyridinyl)-4-piperidinyl]oxy]phenyl]amino]sulfonyl]-, ethyl ester, dihydrochloride (9CI) (CA INDEX NAME)

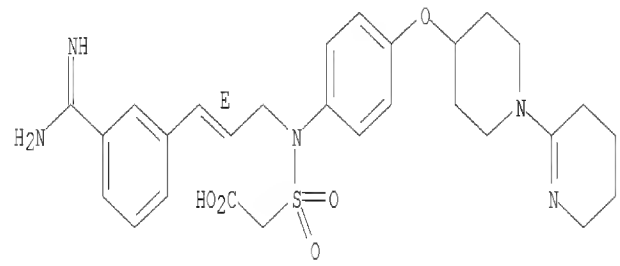
Double bond geometry as shown.



●2 HCl

RN 470476-40-5 CAPLUS
CN Acetic acid, [[[(2E)-3-[3-(aminoiminomethyl)phenyl]-2-propenyl][4-[[1-(3,4,5,6-tetrahydro-2-pyridinyl)-4-piperidinyl]oxy]phenyl]amino]sulfonyl]-, dihydrochloride (9CI) (CA INDEX NAME)

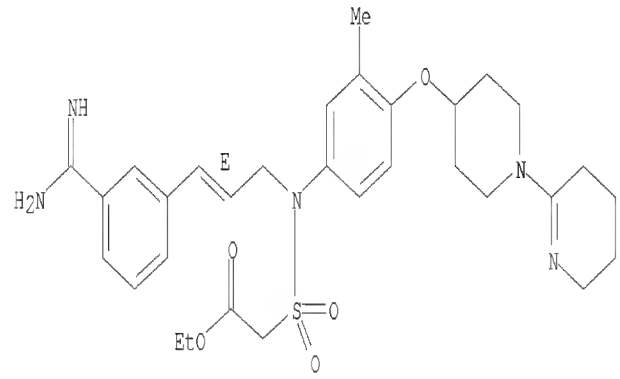
Double bond geometry as shown.



●2 HCl

RN 470476-45-0 CAPLUS
CN Acetic acid, [[[(2E)-3-[3-(aminoiminomethyl)phenyl]-2-propenyl][3-methyl-4-[[1-(3,4,5,6-tetrahydro-2-pyridinyl)-4-piperidinyl]oxy]phenyl]amino]sulfonyl]-, ethyl ester, dihydrochloride (9CI) (CA INDEX NAME)

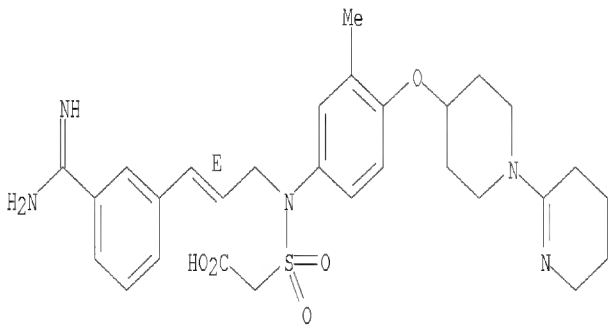
Double bond geometry as shown.



●2 HCl

RN 470476-46-1 CAPLUS
CN Acetic acid, [[[(2E)-3-[3-(aminoiminomethyl)phenyl]-2-propenyl][3-methyl-4-[[1-(3,4,5,6-tetrahydro-2-pyridinyl)-4-piperidinyl]oxy]phenyl]amino]sulfonyl]-, dihydrochloride (9CI) (CA INDEX NAME)

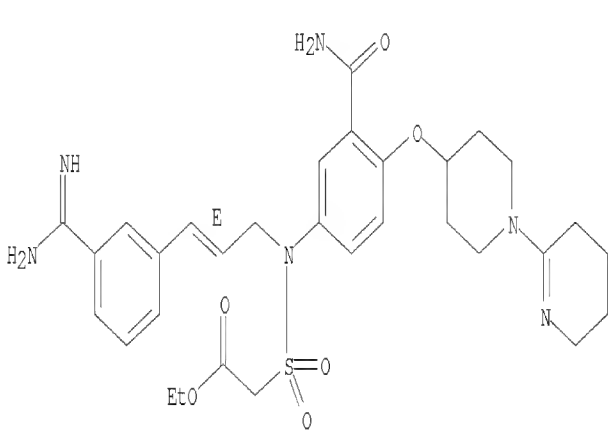
Double bond geometry as shown.



●2 HCl

RN 470476-49-4 CAPLUS
CN Acetic acid, [[[3-(aminocarbonyl)-4-[[1-(3,4,5,6-tetrahydro-2-pyridinyl)-4-piperidinyl]oxy]phenyl][(2E)-3-[3-(aminoiminomethyl)phenyl]-2-propenyl]amino]sulfonyl]-, ethyl ester, dihydrochloride (9CI) (CA INDEX NAME)

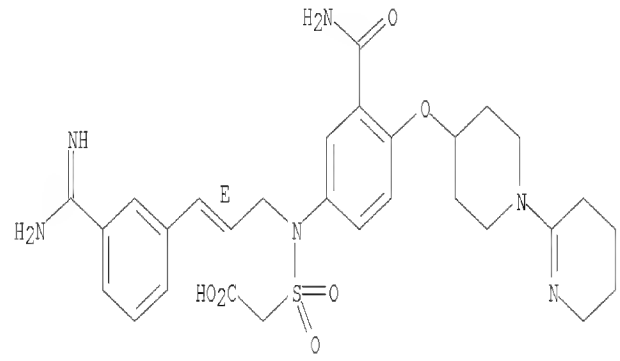
Double bond geometry as shown.



●2 HCl

RN 470476-50-7 CAPLUS
CN Acetic acid, [[[3-(aminocarbonyl)-4-[[1-(3,4,5,6-tetrahydro-2-pyridinyl)-4-piperidinyl]oxy]phenyl][(2E)-3-[3-(aminoiminomethyl)phenyl]-2-propenyl]amino]sulfonyl]-, dihydrochloride (9CI) (CA INDEX NAME)

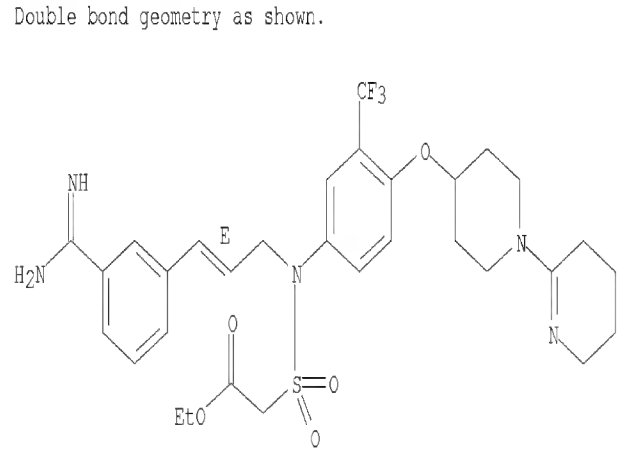
Double bond geometry as shown.



●2 HCl

RN 470476-55-2 CAPLUS
CN Acetic acid, [[[(2E)-3-[3-(aminoiminomethyl)phenyl]-2-propenyl][4-[[1-(3,4,5,6-tetrahydro-2-pyridinyl)-4-piperidinyl]oxy]-3-(trifluoromethyl)phenyl]amino]sulfonyl]-, ethyl ester, dihydrochloride (9CI) (CA INDEX NAME)

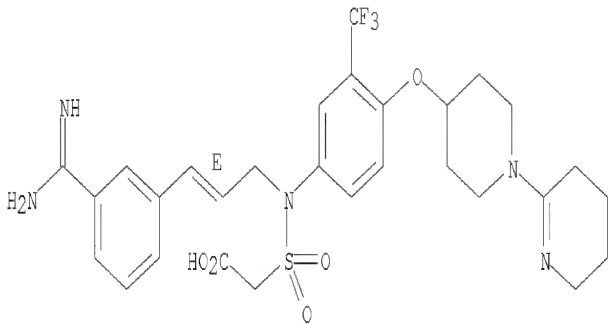
Double bond geometry as shown.



●2 HCl

RN 470476-56-3 CAPLUS
CN Acetic acid, [[[(2E)-3-[3-(aminoiminomethyl)phenyl]-2-propenyl][4-[[1-(3,4,5,6-tetrahydro-2-pyridinyl)-4-piperidinyl]oxy]-3-(trifluoromethyl)phenyl]amino]sulfonyl]-, dihydrochloride (9CI) (CA INDEX NAME)

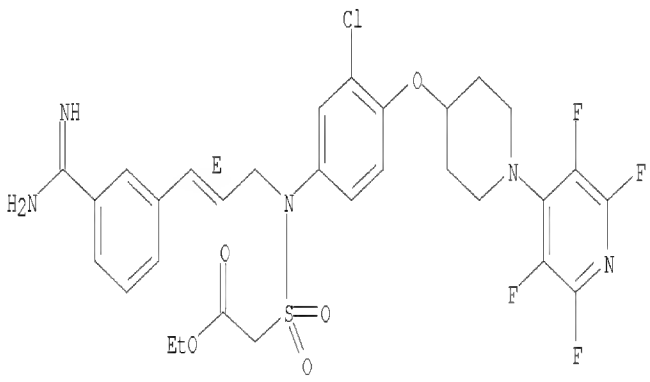
Double bond geometry as shown.



●2 HCl

RN 470476-60-9 CAPLUS
CN Acetic acid, [[[(2E)-3-[3-(aminoiminomethyl)phenyl]-2-propenyl][3-chloro-4-[[1-(2,3,5,6-tetrafluoro-4-pyridinyl)-4-piperidinyl]oxy]phenyl]amino]sulfonyl]-, ethyl ester, dihydrochloride (9CI) (CA INDEX NAME)

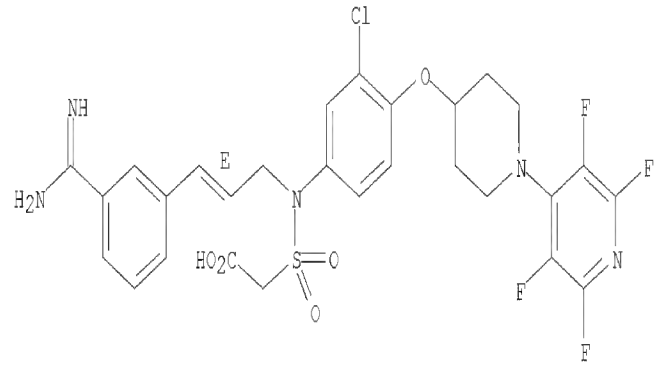
Double bond geometry as shown.



●2 HCl

RN 470476-61-0 CAPLUS
CN Acetic acid, [[[(2E)-3-[3-(aminoiminomethyl)phenyl]-2-propenyl][3-chloro-4-[[1-(2,3,5,6-tetrafluoro-4-pyridinyl)-4-piperidinyl]oxy]phenyl]amino]sulfonyl]-, dihydrochloride (9CI) (CA INDEX NAME)

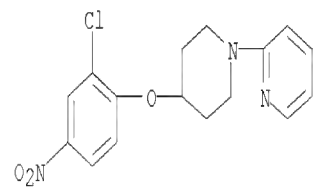
Double bond geometry as shown.



●2 HCl

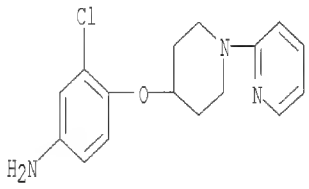
IT 470477-34-0P, 3-Chloro-4-[1-(2-pyridyl)piperidin-4-yloxy]nitrobenzene 470477-35-1P, 3-Chloro-4-[1-(2-pyridyl)piperidin-4-yloxy]aniline 470477-36-2P, N-[3-Chloro-4-[1-(2-pyridyl)piperidin-4-yloxy]phenyl]sulfamoylacetic acid ethyl ester 470477-37-3P, N-[3-Chloro-4-[1-(2-pyridyl)piperidin-4-yloxy]phenyl]-N-[3-(3-cyanophenyl)-2-(E)-propenyl]sulfamoylacetic acid ethyl ester 470477-38-4P, 3-Chloro-4-[1-(3-pyridyl)piperidin-4-yloxy]nitrobenzene 470477-39-5P, 3-Chloro-4-[1-(3-pyridyl)piperidin-4-yloxy]aniline 470477-40-8P, N-[3-Chloro-4-[1-(3-pyridyl)piperidin-4-yloxy]phenyl]sulfamoylacetic acid ethyl ester 470477-41-9P, N-[3-Chloro-4-[1-(3-pyridyl)piperidin-4-yloxy]phenyl]-N-[3-(3-cyanophenyl)-2-(E)-propenyl]sulfamoylacetic acid ethyl ester 470477-42-0P, 3-Chloro-4-[1-(4-pyridyl)piperidin-4-yloxy]nitrobenzene 470477-44-2P, 3-Chloro-4-[1-(4-pyridyl)piperidin-4-yloxy]aniline 470477-46-4P, N-[3-Chloro-4-[1-(4-pyridyl)piperidin-4-yloxy]phenyl]sulfamoylacetic acid ethyl ester 470477-47-5P, N-[3-Chloro-4-[1-(4-pyridyl)piperidin-4-yloxy]phenyl]-N-[3-(3-cyanophenyl)-2-(E)-propenyl]sulfamoylacetic acid ethyl ester
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation of benzamidine derivs. as inhibitors of activated blood coagulation factor X)

RN 470477-34-0 CAPLUS
CN Pyridine, 2-[4-(2-chloro-4-nitrophenoxy)-1-piperidinyl]- (CA INDEX NAME)

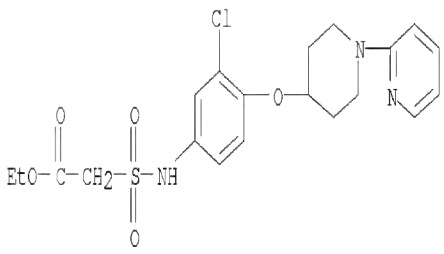


RN 470477-35-1 CAPLUS

CN Benzenamine, 3-chloro-4-[[1-(2-pyridinyl)-4-piperidinyl]oxy]- (CA INDEX NAME)

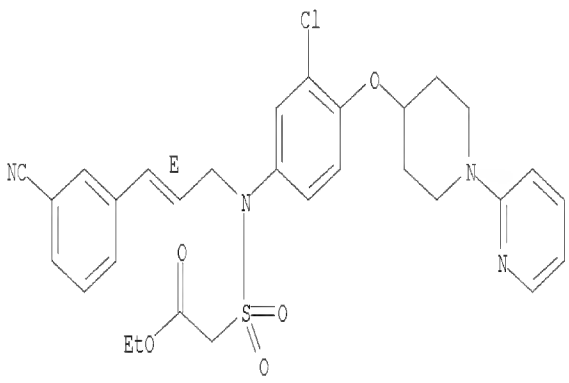


RN 470477-36-2 CAPLUS
CN Acetic acid, [[[3-chloro-4-[[1-(2-pyridinyl)-4-piperidinyl]oxy]phenyl]amino]sulfonyl]-, ethyl ester (9CI) (CA INDEX NAME)

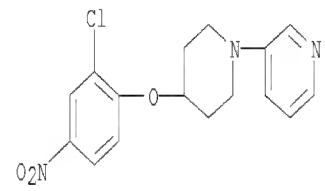


RN 470477-37-3 CAPLUS
CN Acetic acid, [[[3-chloro-4-[[1-(2-pyridinyl)-4-piperidinyl]oxy]phenyl][(2E)-3-(3-cyanophenyl)-2-propenyl]amino]sulfonyl]-, ethyl ester (9CI) (CA INDEX NAME)

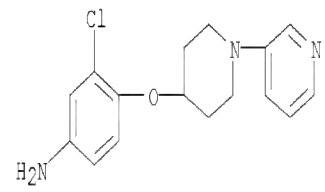
Double bond geometry as shown.



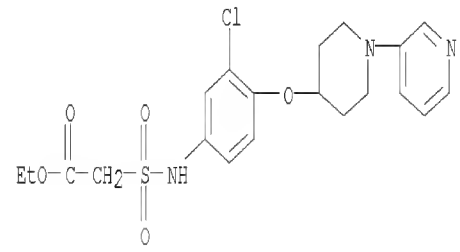
RN 470477-38-4 CAPLUS
CN Pyridine, 3-[4-(2-chloro-4-nitrophenoxy)-1-piperidinyl]- (CA INDEX NAME)



RN 470477-39-5 CAPLUS
CN Benzenamine, 3-chloro-4-[[1-(3-pyridinyl)-4-piperidinyl]oxy]- (CA INDEX NAME)

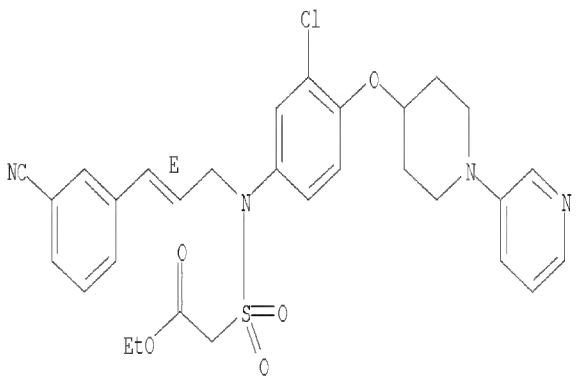


RN 470477-40-8 CAPLUS
CN Acetic acid, [[[3-chloro-4-[[1-(3-pyridinyl)-4-piperidinyl]oxy]phenyl]amino]sulfonyl]-, ethyl ester (9CI) (CA INDEX NAME)

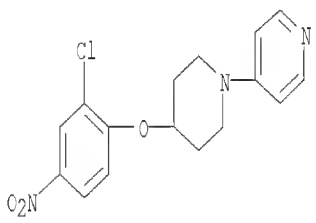


RN 470477-41-9 CAPLUS
CN Acetic acid, [[[3-chloro-4-[[1-(3-pyridinyl)-4-piperidinyl]oxy]phenyl][(2E)-3-(3-cyanophenyl)-2-propenyl]amino]sulfonyl]-, ethyl ester (9CI) (CA INDEX NAME)

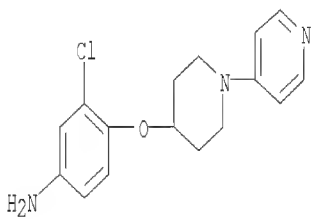
Double bond geometry as shown.



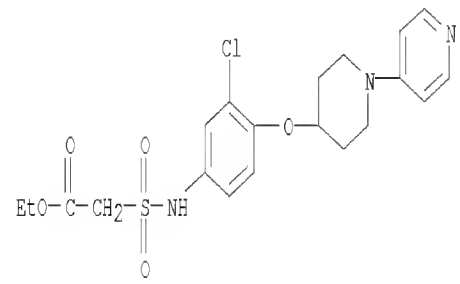
RN 470477-42-0 CAPLUS
CN Pyridine, 4-[4-(2-chloro-4-nitrophenoxy)-1-piperidinyl]- (CA INDEX NAME)



RN 470477-44-2 CAPLUS
CN Benzenamine, 3-chloro-4-[[1-(4-pyridinyl)-4-piperidinyl]oxy]- (CA INDEX NAME)

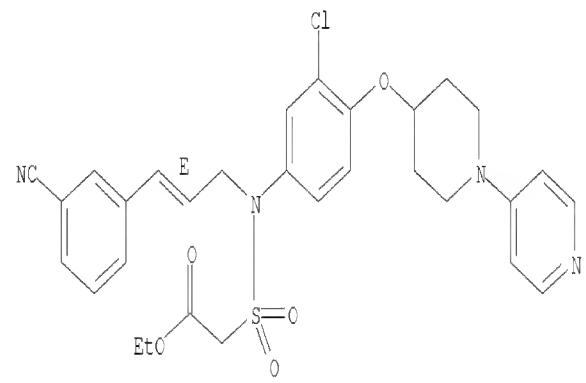


RN 470477-46-4 CAPLUS
CN Acetic acid, [[[3-chloro-4-[[1-(4-pyridinyl)-4-piperidinyl]oxy]phenyl]amino]sulfonyl]-, ethyl ester (9CI) (CA INDEX NAME)

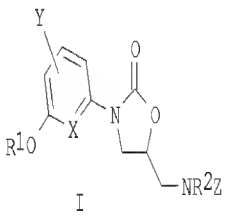


RN 470477-47-5 CAPLUS
CN Acetic acid, [[[3-chloro-4-[[1-(4-pyridinyl)-4-piperidinyl]oxy]phenyl][(2E)-3-(3-cyanophenyl)-2-propenyl]amino]sulfonyl]-, ethyl ester (9CI) (CA INDEX NAME)

Double bond geometry as shown.



L5 ANSWER 21 OF 38 CAPLUS COPYRIGHT 2008 ACS on STN
2001:472689 Document No. 135:76864 Preparation of piperidinyloxy-, pyrrolidinyloxy- and azetidinyloxy-substituted N-phenyl and N-pyridyl oxazolidinones as antibacterials. Weidner-wells, Michele; Boggs, Christine; Hlasta, Dennis; Nelson, Erin (Ortho-Mcneil Pharmaceutical, Inc., USA). PCT Int. Appl. WO 2001046164 A1 20010628, 89 pp. DESIGNATED STATES: W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM; RW: AT, BE, BF, BJ, CF, CG, CH, CI, CM, CY, DE, DK, ES, FI, FR, GA, GB, GR, IE, IT, LU, MC, ML, MR, NE, NL, PT, SE, SN, TD, TG, TR. (English). CODEN: PIXXD2. APPLICATION: WO 2000-US33835 20001214. PRIORITY: US 1999-PV172923 19991221.
GI



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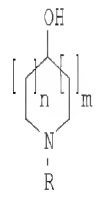
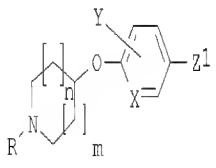
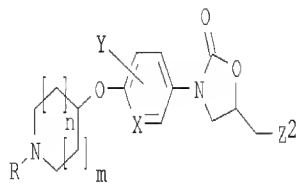


II



III



IV

AB Piperidinyloxy, pyrrolidinyloxy and azetidinyloxy compds. (shown as I (Z = R2a); e.g. (S)-N-[[3-[3-fluoro-4-[[N-(benzyloxyacetyl)-4-piperidinyl]oxy]phenyl]-2-oxo-5-oxazolidinyl]methyl]acetamide) or an optical isomer, enantiomer, diastereomer, racemate or racemic mixture thereof, or a pharmaceutically acceptable salt thereof are claimed, wherein R1 is N-R3-4- and N-R3-3-piperidinyl, N-R3-3-pyrrolidinyl or N-R3-3-azetidinyl (R3 = H, alkyl, -COR4, -(CH2)theteroaryl, -CHR5R6, -(CH2)taryl, -SO2NR5R6, and -SO2R9; R4 = H, -OR5, alkyl, alkylaryl, -(CH2)taryl, -(CH2)theteroaryl, -(CH2)tOR5, -(CH2)tNR7R8, -CHR5R6, and -NR5R6 optionally forming a cyclic amino derivative; R5 and R6 are independently selected from H, alkyl, alkylaryl, haloaryl, -(CH2)taryl, -(CH2)theteroaryl, and acyl; R7 and R8 are independently selected from H, alkyl, -COR9, -SO2R9 and -CO2R9; and R9 = H, alkyl, aryl and alkylaryl); R2 = C(O)R9, C(O)OR9, NCN:C(NR92), NCN:CR9, NCN:C(SR9), NCN:C(NHR9); R2a = H or acyl with the proviso that when R3 is selected from alkyl, -(CH2)taryl, -(CH2)theteroaryl, and -CHR5R6, R2a = H; X = N or CH; Y = H, halogen, alkoxy, and alkyl; and t = 0-4. These compds. are useful as antibacterial agents against community-acquired pneumonia, upper and lower respiratory tract infections, skin and soft tissue infections, bone and joint infections, and hospital-acquired lung infections involving susceptible and drug resistant S. aureus, S. epidermidis, S. pneumoniae, E. faecalis, E. faecium, Enterococcus spp., Moraxella catarrhalis, and H. influenzae. Minimal inhibitory concns. are given for 61 compds. for E. faecium and Staphylococcus aureus. A method of preparation of I (Z = H; R1OH = II; R = Boc, -CHPh2 or -COCH2OCH2Ph; n = 0-2; m = 0, 1; R2 = C(O)R9, C(O)OR9, NCN:C(NR92), NCN:CR9, NCN:C(SR9), NCN:C(NHR9), wherein R9 = H, alkyl, aryl and alkylaryl; X = N, CH; Y = H, halogen, alkoxy, and alkyl) is claimed, which process comprises: (a) reacting II with Y-substituted 4-nitrofluorobenzene or 2-chloro-5-nitropyridine to form III (Z1 = NO2); (b) converting III (Z1 = NO2) to III (Z1 = NHCbz); (c) reacting III (Z1 = NHCbz) with oxiranylmethyl butanoate to form IV (Z2 = OH); (d) converting IV (Z2 = OH) to IV (Z2 = N3); (e) converting IV (Z2 = N3) to IV (Z2 = NH2); (f) converting IV (Z2 = NH2) to IV (R = H, Z2 = NR2H); and (g) converting IV (R = H, Z2 = NR2H) to I (Z = H).

IT 346664-53-7P

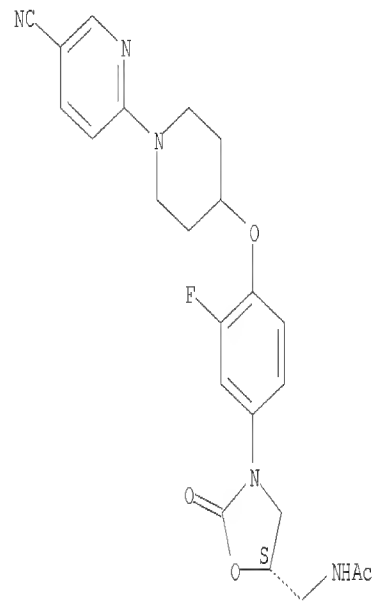
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use);

BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of piperidinyloxy-, pyrrolidinyloxy- and azetidinyloxy-substituted N-Ph and N-pyridyl oxazolidinones as antibacterials)

RN 346664-53-7 CAPLUS

CN Acetamide, N-[[(5S)-3-[4-[[1-(5-cyano-2-pyridinyl)-4-piperidinyl]oxy]-3-fluorophenyl]-2-oxo-5-oxazolidinyl]methyl]- (CA INDEX NAME)

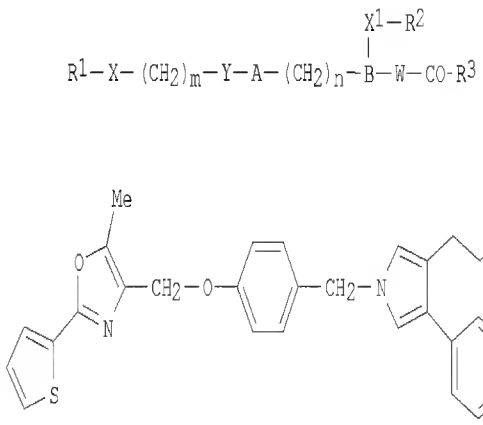
Absolute stereochemistry.



L5 ANSWER 22 OF 38 CAPLUS COPYRIGHT 2008 ACS on STN

2001:396864 Document No. 135:19632 Preparation of pyrazolyl- and pyrrolylalkanoic acid derivatives with hypoglycemic and hypolipidemic activity. Momose, Yu; Maekawa, Tsuyoshi; Odaka, Hiroyuki; Kimura, Hiroyuki (Takeda Chemical Industries, Ltd., Japan). PCT Int. Appl. WO 2001038325 A1 20010531, 375 pp. DESIGNATED STATES: W: AE, AG, AL, AM, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CN, CR, CU, CZ, DM, DZ, EE, GD, GE, HR, HU, ID, IL, IN, IS, JP, KG, KR, KZ, LC, LK, LR, LT, LV, MA, MD, MG, MK, MN, MX, MZ, NO, NZ, PL, RO, RU, SG, SI, SK, TJ, TM, TR, TT, UA, US, UZ, VN, YU, ZA, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM; RW: AT, BE, BF, BJ, CF, CG, CH, CI, CM, CY, DE, DK, ES, FI, FR, GA, GB, GR, IE, IT, LU, MC, ML, MR, NE, NL, PT, SE, SN, TD, TG, TR. (English). CODEN: PIXXD2. APPLICATION: WO 2000-JP7877 20001109. PRIORITY: JP 1999-320317 19991110; JP 1999-352237 19991210.

GI



I

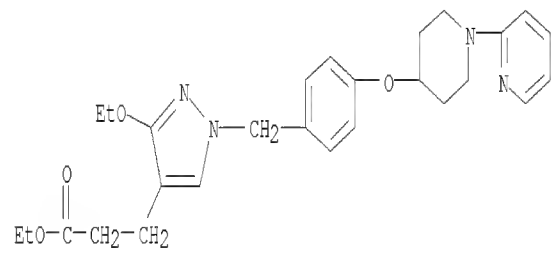
II

AB Title compds. (I) [wherein R1 = (un)substituted hydrocarbon or heterocycle; X = bond, O, S, CO, CS, CR4(OR5), or NR6; R4 and R6 = independently H or (un)substituted hydrocarbon; R5 = H or hydroxyl protective group; m = 0-3; Y = O, S, SO, SO2, NR7, CONR7, or NR7CO; R7 = H or (un)substituted hydrocarbon; A = (un)substituted aromatic ring; n = 1-8; B = (un)substituted N-containing 5-membered heterocycle; X1 = bond, O, S, SO, SO2, OSO2, or NR16; R16 = H or (un)substituted hydrocarbon; R2 = H or (un)substituted hydrocarbon or heterocycle; W = bond or hydrocarbon; R3 = OR8 or NR9R10; R8 = H or (un)substituted hydrocarbon; R9 and R10 = independently H or (un)substituted hydrocarbon or heterocycle; or R9 and R10 together with the N to which they are attached may form a ring] were prepared as retinoid-related receptor function regulating agents or insulin resistance improving agents. For example, Et 3-[1-(4-hydroxybenzyl)-4-phenyl-3-pyrrolyl]propionate and 4-chloromethyl-5-methyl-2-(2-thienyl)oxazole were coupled in the presence of K2CO3 in DMF and treated with HCl to give II (77%). At a concentration of 0.001%, II reduced hypoglycemic and hypolipidemic action by 48% and 70%, resp., lowered total cholesterol by 16%, and increased the plasma anti-arteriosclerosis index by 12% compared to non-treatment groups of mice. In addition, II showed potent PPARγ-RXRα heterodimer ligand activity with EC50 of 1.5 nM. I are useful for the prevention or treatment of diabetes mellitus, hyperlipidemia, impaired glucose tolerance, inflammatory diseases, and arteriosclerosis.

IT 342027-10-5P
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); RCT (Reactant); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent); USES (Uses)
(preparation of pyrrolyl- and pyrazolylalkanoic acid derivs. as retinoid X receptor and PPAR receptor modulators)

RN 342027-10-5 CAPLUS

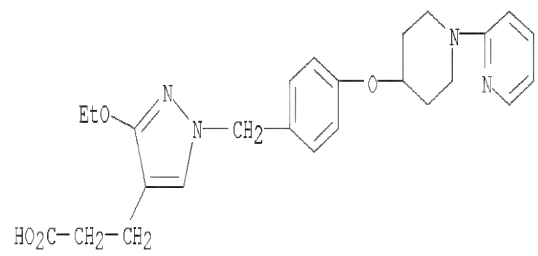
CN 1H-Pyrazole-4-propanoic acid, 3-ethoxy-1-[[4-[[1-(2-pyridinyl)-4-piperidinyl]oxy]phenyl]methyl]-, ethyl ester (CA INDEX NAME)



IT 342027-11-6P
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of pyrrolyl- and pyrazolylalkanoic acid derivs. as retinoid X receptor and PPAR receptor modulators)

RN 342027-11-6 CAPLUS

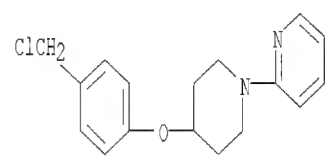
CN 1H-Pyrazole-4-propanoic acid, 3-ethoxy-1-[[4-[[1-(2-pyridinyl)-4-piperidinyl]oxy]phenyl]methyl]- (CA INDEX NAME)



IT 342027-09-2
RL: RCT (Reactant); RACT (Reactant or reagent)
(reactant; preparation of pyrrolyl- and pyrazolylalkanoic acid derivs. as retinoid X receptor and PPAR receptor modulators)

RN 342027-09-2 CAPLUS

CN Pyridine, 2-[4-[4-(chloromethyl)phenoxy]-1-piperidinyl]- (CA INDEX NAME)

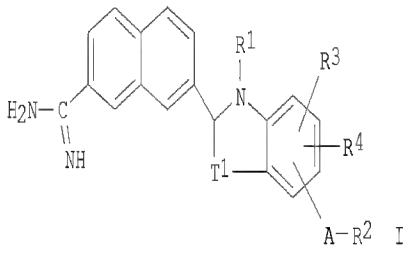


L5 ANSWER 23 OF 38 CAPLUS COPYRIGHT 2008 ACS on STN

2001:31461 Document No. 134:100770 Preparation of indoline or tetrahydroquinoline derivatives as inhibitors of activated blood coagulation factor X. Fujimoto, Koichi; Asai, Fumitoshi; Tanaka, Naoki; Matsuhashi, Hayao; Sugidachi, Atsuhiro; Tanimoto, Tatsuo (Sankyo Company, Ltd., Japan). PCT Int. Appl. WO 2001002356 A1 20010111, 431 pp.

DESIGNATED STATES: W: AU, BR, CA, CN, CZ, HU, ID, IL, IN, KR, MX, NO, NZ, PL, RU, TR, US, ZA; RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE. (Japanese). CODEN: PIXXD2. APPLICATION: WO 2000-JP4333 20000630. PRIORITY: JP 1999-187805 19990701.

GI



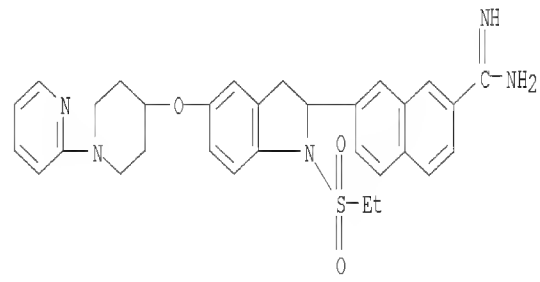
I

AB The title compds. I [R1 is hydrogen, optionally substituted alkyl, optionally substituted alkanoyl, optionally substituted alkylsulfonyl, optionally substituted arylsulfonyl, or optionally substituted sulfamoyl; R2 is optionally substituted cycloalkyl, optionally substituted aryl, optionally substituted amino, or optionally substituted saturated cyclic amino; R3 and R4 are each hydrogen, halogeno, alkyl, alkoxy, cyano, nitro, hydroxyl, or alkanoyloxy; A is a single bond, alkylene, oxygen, or O(CH2)m (wherein m is 1 to 4); T1 = (CH2)n; and n is 1 or 2] are prepared 5-(1-Acetimidoylpiperidin-4-yloxy)-2-(7-amidinonaphthalen-2-yl)-1-methanesulfonylindoline dihydrochloride in vitro showed IC50 of 3.9 ng/mL against factor Xa. Formulations are given.

IT 319449-71-3P
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of indoline or tetrahydroquinoline derivs. as inhibitors of activated blood coagulation factor X)

RN 319449-71-3 CAPLUS

CN 2-Naphthalenecarboximidamide, 7-[1-(ethylsulfonyl)-2,3-dihydro-5-[[1-(2-pyridinyl)-4-piperidinyl]oxy]-1H-indol-2-yl]-, dihydrochloride (9CI) (CA INDEX NAME)

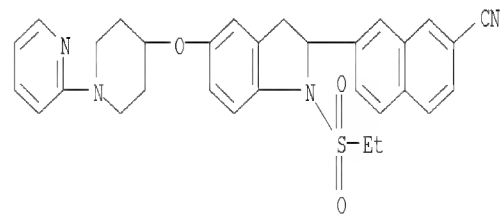


● 2 HCl

IT 319450-57-2P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation of indoline or tetrahydroquinoline derivs. as inhibitors of activated blood coagulation factor X)

RN 319450-57-2 CAPLUS

CN 1H-Indole, 2-(7-cyano-2-naphthalenyl)-1-(ethylsulfonyl)-2,3-dihydro-5-[[1-(2-pyridinyl)-4-piperidinyl]oxy]- (9CI) (CA INDEX NAME)



L5 ANSWER 24 OF 38 CAPLUS COPYRIGHT 2008 ACS on STN

2000:824220 Document No. 134:17399 Aromatic sulfone hydroxamic acid metalloprotease inhibitors. Barta, Thomas E.; Becker, Daniel P.; Bedell, Louis J.; Boehm, Terri L.; Carroll, Jeffrey N.; Decrescenzo, Gary A.; Fobian, Yvette M.; Freskos, John N.; Getman, Daniel P.; McDonald, Joseph J.; Hockerman, Susan L.; Howard, Susan C.; Kolodziej, Stephen A.; Li, Madeleine Hui; Mischke, Deborah A.; Rico, Joseph G.; Stehle, Nathan W.; Tollefson, Michael B.; Vernier, William F.; Villamil, Clara I. (G.D. Searle and Co., USA). PCT Int. Appl. WO 2000069821 A1 20001123, 616 pp. DESIGNATED STATES: W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM; RW: AT, BE, BF, BJ, CF, CG, CH, CI, CM, CY, DE, DK, ES, FI, FR, GA, GB, GR, IE, IT, LU, MC, ML, MR, NE, NL, PT, SE, SN, TD, TG. (English). CODEN: PIXXD2. APPLICATION: WO 2000-US6719 20000515. PRIORITY: US 1999-311837 19990514; US 2000-570731 20000512.

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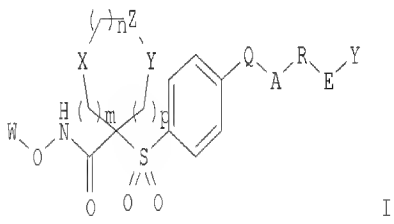
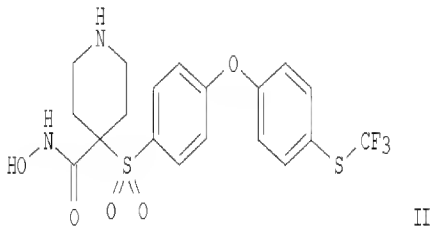


I



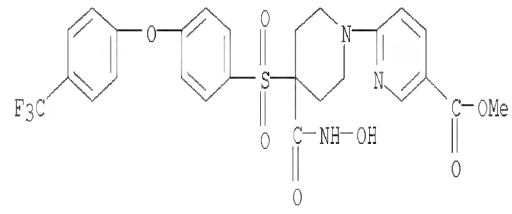
II

AB A treatment process is disclosed that comprises administering an effective amount of an aromatic sulfone hydroxamic acid I [W = H, cation, certain acyl or thioacyl groups; m, n, p = 0-2; (m+n+p) = 1 to 4; one of X, Y, and Z = CO, NH or derivs., O, S, SO, SO2, etc., and the other two = (un)substituted CH2; or XZ or ZY = (un)substituted NHCO, NHSO, NHSO2, SS, OCO, etc., and the other one = (un)substituted CH2; or n = 0 and XZY = atoms to complete various N/O/S heterocycles; Q = 5- to 7-membered heterocycle with 1-2 N atoms, one bound to Ph, and with -AREY bound in para-type positions; A = bond, O, S, (un)substituted NH, COO, OCO, CH:CH, C.tplbond.C, N:N, NHNH, NHCOO, (un)substituted CONH, NHCO, etc.; R = alkylene, arylene, heteroarylene, etc., with provisos; E = bond, CONH, NHCO, CO, SO2, NHSO2, SO2NH, S, etc.; Y = absent, H, alkyl, alkoxy, aryl, aryloxy, heteroaryl, etc.] to a host having a condition associated with pathol. matrix metalloprotease (MMP) activity. I exhibit excellent inhibitory activity of one or more MMP enzymes, such as MMP-2, MMP-9 and MMP-13, while exhibiting substantially less inhibition of (at least) MMP-1. Also disclosed are metalloprotease inhibitor compds. having such selective activities, processes for manufacture of such compds., and pharmaceutical compns. using such inhibitors. The compds. are potentially useful against a wide variety of conditions, notably as antiinflammatory, antiangiogenesis, and antitumor agents. Over 900 example compds. are listed, most with supporting phys. data, and many with synthetic details. For instance, Et N-(tert-butoxycarbonyl)-4-(4-fluorophenylsulfonyl)-4-piperidinecarboxylate (preparation given) was subjected to a sequence of: (1) etherification with 4-(CF3S)C6H4OH (100%); (2) alkaline hydrolysis of the ester (100%); (3) amidation with THP-ONH2 (45%); and (4) acid deprotection of the THP ether (40%), to give title compound II.HCl. The latter salt selectively inhibited MMP-13 with IC50 0.2 nM, and MMP-2 with IC50 0.1 nM, but with IC50 >10,000 nM against MMP-1.

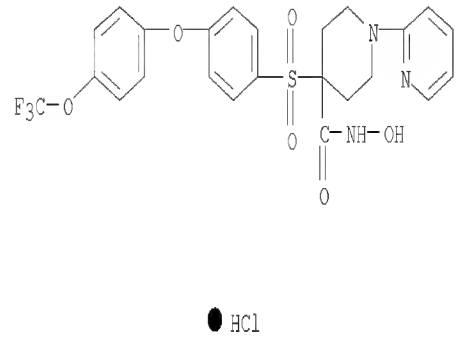
IT 308825-31-2P 308825-32-3P 308825-47-0P
308825-54-9P 308825-55-0P 308825-59-4P

308825-63-0P 308825-70-9P 308825-71-0P
308825-74-3P 308826-05-3P 308826-07-5P
308826-11-1P 308826-13-3P 308826-15-5P
308826-25-7P 308826-43-9P
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(drug candidate; preparation of aromatic sulfone hydroxamic acids as metalloprotease inhibitors)

RN 308825-31-2 CAPLUS
CN 3-Pyridinecarboxylic acid, 6-[4-[(hydroxyamino)carbonyl]-4-[[4-[4-(trifluoromethyl)phenoxy]phenyl]sulfonyl]-1-piperidinyl]-, methyl ester (CA INDEX NAME)

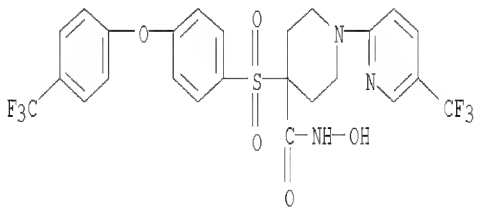


RN 308825-32-3 CAPLUS
CN 4-Piperidinecarboxamide, N-hydroxy-1-(2-pyridinyl)-4-[[4-[4-(trifluoromethoxy)phenoxy]phenyl]sulfonyl]-, monohydrochloride (9CI) (CA INDEX NAME)



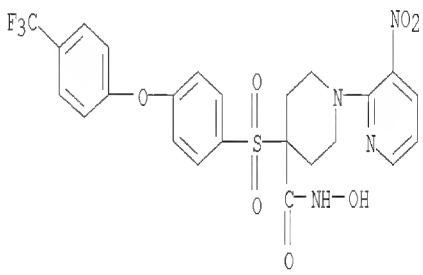
● HCl

RN 308825-47-0 CAPLUS
CN 4-Piperidinecarboxamide, N-hydroxy-4-[[4-[4-(trifluoromethyl)phenoxy]phenyl]sulfonyl]-1-[5-(trifluoromethyl)-2-pyridinyl]-, monohydrochloride (9CI) (CA INDEX NAME)

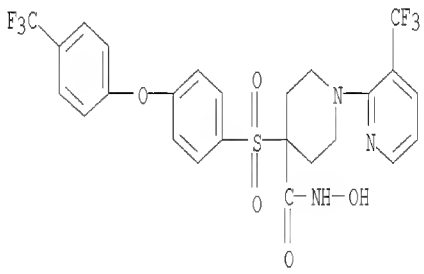


● HCl

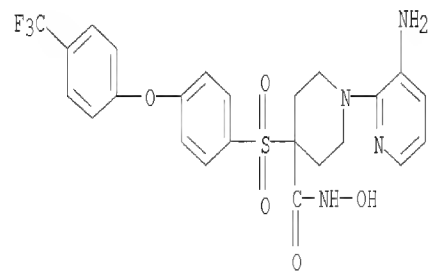
RN 308825-54-9 CAPLUS
CN 4-Piperidinecarboxamide, N-hydroxy-1-(3-nitro-2-pyridinyl)-4-[[4-[4-(trifluoromethyl)phenoxy]phenyl]sulfonyl]- (CA INDEX NAME)



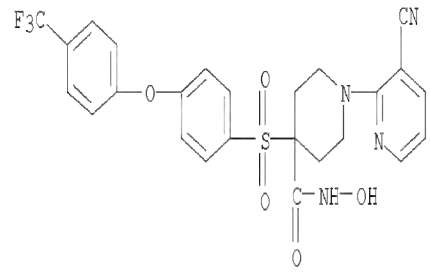
RN 308825-55-0 CAPLUS
CN 4-Piperidinecarboxamide, N-hydroxy-4-[[4-[4-(trifluoromethyl)phenoxy]phenyl]sulfonyl]-1-[3-(trifluoromethyl)-2-pyridinyl]- (CA INDEX NAME)



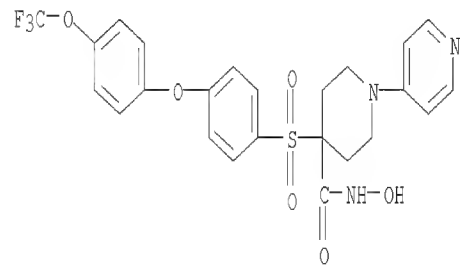
RN 308825-59-4 CAPLUS
CN 4-Piperidinecarboxamide, 1-(3-amino-2-pyridinyl)-N-hydroxy-4-[[4-[4-(trifluoromethyl)phenoxy]phenyl]sulfonyl]- (CA INDEX NAME)



RN 308825-63-0 CAPLUS
CN 4-Piperidinecarboxamide, 1-(3-cyano-2-pyridinyl)-N-hydroxy-4-[[4-[4-(trifluoromethyl)phenoxy]phenyl]sulfonyl]- (CA INDEX NAME)

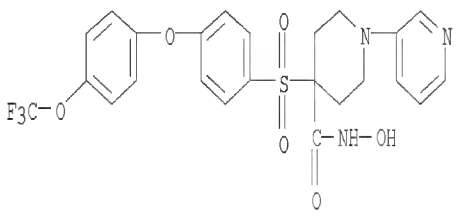


RN 308825-70-9 CAPLUS
CN 4-Piperidinecarboxamide, N-hydroxy-1-(4-pyridinyl)-4-[[4-[4-(trifluoromethoxy)phenoxy]phenyl]sulfonyl]-, monohydrochloride (9CI) (CA INDEX NAME)



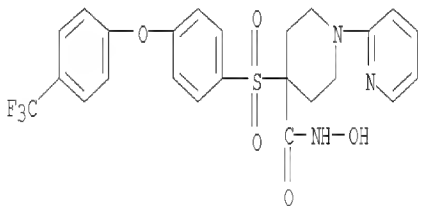
● HCl

RN 308825-71-0 CAPLUS
CN 4-Piperidinecarboxamide, N-hydroxy-1-(3-pyridinyl)-4-[[4-[4-(trifluoromethoxy)phenoxy]phenyl]sulfonyl]-, monohydrochloride (9CI) (CA INDEX NAME)



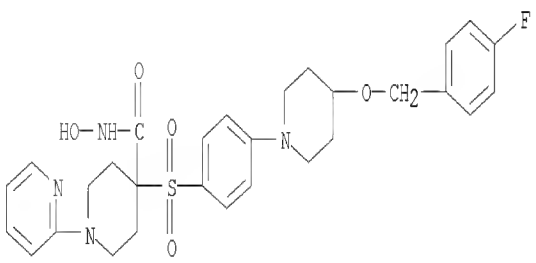
● HCl

RN 308825-74-3 CAPLUS
CN 4-Piperidinecarboxamide, N-hydroxy-1-(2-pyridinyl)-4-[[4-[4-(trifluoromethyl)phenoxy]phenyl]sulfonyl]-, monohydrochloride (9CI) (CA INDEX NAME)

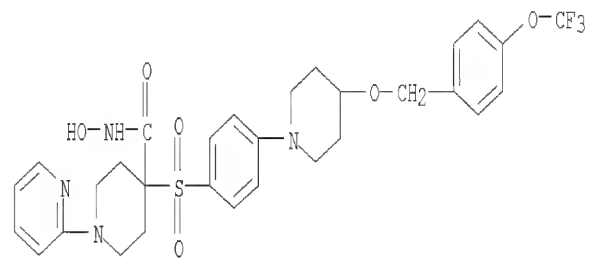


● HCl

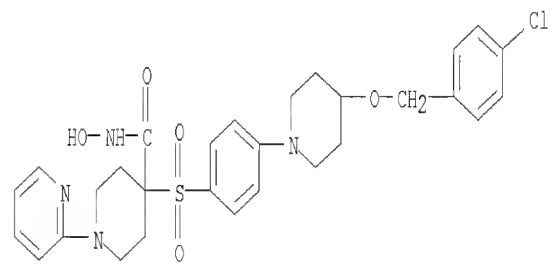
RN 308826-05-3 CAPLUS
CN 4-Piperidinecarboxamide, 4-[[4-[4-[(4-fluorophenyl)methoxy]-1-piperidinyl]phenyl]sulfonyl]-N-hydroxy-1-(2-pyridinyl)- (CA INDEX NAME)



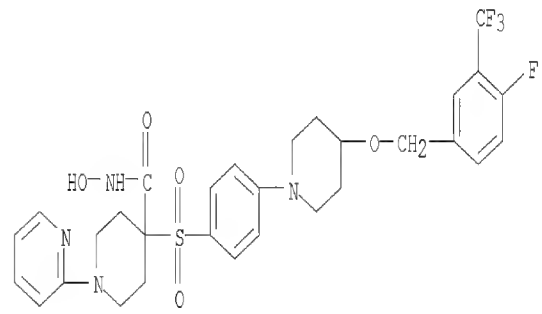
RN 308826-07-5 CAPLUS
CN 4-Piperidinecarboxamide, N-hydroxy-1-(2-pyridinyl)-4-[[4-[4-[[4-(trifluoromethoxy)phenyl]methoxy]-1-piperidinyl]phenyl]sulfonyl]- (CA INDEX NAME)



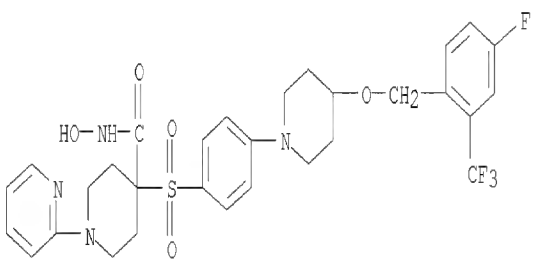
RN 308826-11-1 CAPLUS
CN 4-Piperidinecarboxamide, 4-[[4-[4-[(4-chlorophenyl)methoxy]-1-piperidinyl]phenyl]sulfonyl]-N-hydroxy-1-(2-pyridinyl)- (CA INDEX NAME)



RN 308826-13-3 CAPLUS
CN 4-Piperidinecarboxamide, 4-[[4-[4-[[4-fluoro-3-(trifluoromethyl)phenyl]methoxy]-1-piperidinyl]phenyl]sulfonyl]-N-hydroxy-1-(2-pyridinyl)- (CA INDEX NAME)



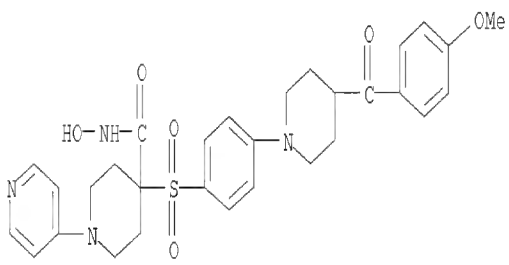
RN 308826-15-5 CAPLUS
CN 4-Piperidinecarboxamide, 4-[[4-[4-[[4-fluoro-2-(trifluoromethyl)phenyl]methoxy]-1-piperidinyl]phenyl]sulfonyl]-N-hydroxy-1-(2-pyridinyl)- (CA INDEX NAME)



RN 308826-25-7 CAPLUS
CN 4-Piperidinecarboxamide, N-hydroxy-4-[[4-[4-(4-methoxybenzoyl)-1-piperidinyl]phenyl]sulfonyl]-1-(4-pyridinyl)-, mono(trifluoroacetate) (salt) (9CI) (CA INDEX NAME)

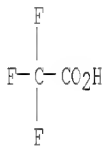
CM 1

CRN 308826-24-6
CMF C30 H34 N4 O6 S

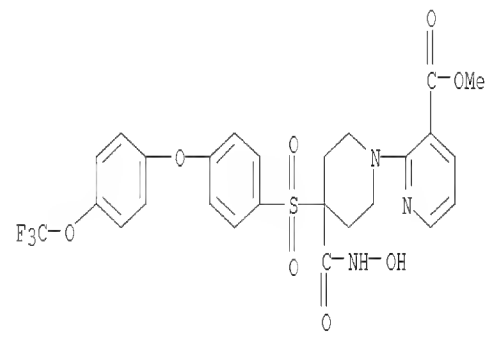


CM 2

CRN 76-05-1
CMF C2 H F3 O2

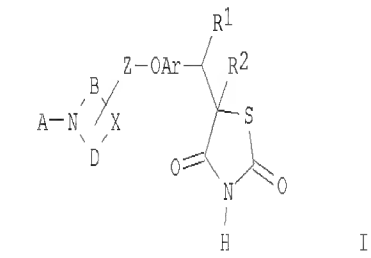


RN 308826-43-9 CAPLUS
CN 3-Pyridinecarboxylic acid, 2-[4-[(hydroxyamino)carbonyl]-4-[[4-[4-(trifluoromethoxy)phenoxy]phenyl]sulfonyl]-1-piperidinyl]-, methyl ester, monohydrochloride (9CI) (CA INDEX NAME)

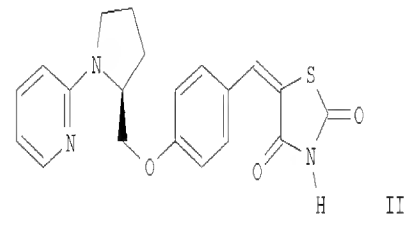


HCl

L5 ANSWER 25 OF 38 CAPLUS COPYRIGHT 2008 ACS on STN
1999:430613 Document No. 131:73647 Thiazolidinedione compounds having antidiabetic, hypolipidemic, antihypertensive properties, process for their preparation and pharmaceutical compositions. Lohray, Vidya Bhushan; Lohray, Braj Bhushan; Rao, Paraselli Bheema; Alla, Sekar Reddy; Ramanujam, Rajagopalan; Chakrabarti, Ranjan (Reddy's Research Foundation, India; Reddy-Cheminor, Inc.). U.S. US 5919782 A 19990706, 28 pp., Cont.-in-part of U.S. 5,801,173. (English). CODEN: USXXAM. APPLICATION: US 1997-851447 19970505. PRIORITY: IN 1996-MA723 19960506; US 1996-687840 19960726.
GI



I



II

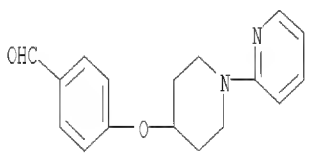
AB Title compds. [I; A = (un)substituted aromatic or 5-membered O-, N-, or S-containing heterocyclic group which may be fused to (un)substituted 6-membered N-containing heterocyclic group, which also may be fused; B, D = (un)substituted hydrocarbon linking group; X = CH2, N, O, S; Ar =

(un)substituted divalent aromatic or heterocyclic group; R1, R2 = H, lower alkyl, halo, alkoxy, OH, or R1R2 = bond; Z = (CH2)p; p = 0-4] were prepared Thus, 2-chloropyridine was aminated by L-prolinol and the product etherified by 4-FC6H4CHO to give, after condensation of the product with 2,4-thiazolidinedione, title compound II. Data for biol. activity of I were given.

IT 199117-85-6P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(for preparation of thiazolidinediones having antidiabetic, hypolipidemic and antihypertensive properties)

RN 199117-85-6 CAPLUS

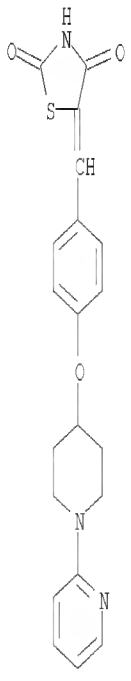
CN Benzaldehyde, 4-[[1-(2-pyridinyl)-4-piperidinyl]oxy]- (CA INDEX NAME)



IT 199117-48-1P
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of thiazolidinedione compds. having antidiabetic, hypolipidemic, antihypertensive properties)

RN 199117-48-1 CAPLUS

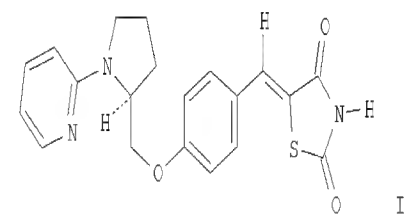
CN 2,4-Thiazolidinedione, 5-[[4-[[1-(2-pyridinyl)-4-piperidinyl]oxy]phenyl]methylene]- (CA INDEX NAME)



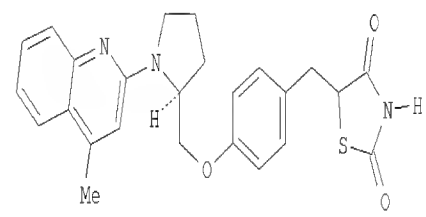
L5 ANSWER 26 OF 38 CAPLUS COPYRIGHT 2008 ACS on STN

1999:384967 Document No. 131:170295 Novel euglycemic and hypolipidemic agents. 4. Pyridyl- and quinolinyl-containing thiazolidinediones. Lohray, B. B.; Bhushan, Vidya; Reddy, A. Sekar; Rao, P. Bheema; Reddy, N. Jaipal; Harikishore, P.; Haritha, N.; Vikramadityan, Reeba K.; Chakrabarti, Ranjan; Rajagopalan, R.; Katneni, K. (Departments of Medicinal Chemistry and Drug Discovery Pharmacology and Pharmacokinetics, Dr. Reddy's Research Foundation, Miyapur Hyderabad, 500 050, India). Journal of Medicinal Chemistry, 42(14), 2569-2581 (English) 1999. CODEN: JMCMAR. ISSN: 0022-2623. Publisher: American Chemical Society.

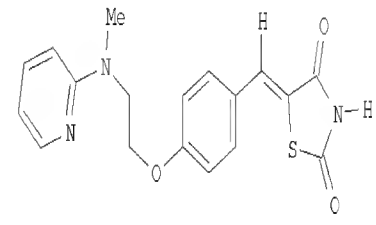
GI



I



II



III

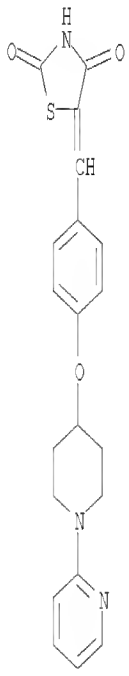
AB A series of substituted pyridyl- and quinolinyl-containing 2,4-thiazolidinediones having cyclic amine as a linker, e.g. I and II, were synthesized. Both unsatd. thiazolidinediones and saturated thiazolidinediones and their various salts were evaluated in db/db mice for euglycemic and hypolipidemic effects and compared with BRL compound III and BRL-49653, resp. Some of the potent compds. were converted to various salts in order to obtain improved activities. Among all the salts evaluated, the maleate salt of I was found to be a very potent euglycemic and hypolipidemic compound Some of the more interesting compds. have also been evaluated in ob/ob mice and compared with rosiglitazone (maleate salt of BRL-49653). Oral glucose tolerance tests were performed in both db/db and ob/ob mice. Pharmacokinetic studies of I maleate are also reported.

Receptor binding studies of PPARγ by I/I maleate did not show any significant transactivation of PPARα or PPARγ.

IT 199117-48-1P
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); RCT (Reactant); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent)
(preparation and euglycemic/hypolipidemic activities of cyclic amine linked pyridyl and quinolinyl thiazolidinediones)

RN 199117-48-1 CAPLUS

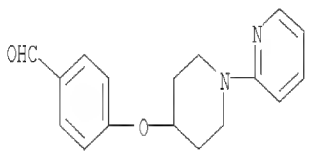
CN 2,4-Thiazolidinedione, 5-[[4-[[1-(2-pyridinyl)-4-piperidinyl]oxy]phenyl]methylene]- (CA INDEX NAME)



IT 199117-85-6P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation and euglycemic/hypolipidemic activities of cyclic amine linked pyridyl and quinolinyl thiazolidinediones)

RN 199117-85-6 CAPLUS

CN Benzaldehyde, 4-[[1-(2-pyridinyl)-4-piperidinyl]oxy]- (CA INDEX NAME)



L5 ANSWER 27 OF 38 CAPLUS COPYRIGHT 2008 ACS on STN

1998:324824 Document No. 129:27961 Preparation of heterocyclyl-substituted piperazines for the prevention or treatment of a disease mediated by the binding of adhesion molecules to GPIIb/IIIa. Mills, Stuart Dennett (Zeneca Ltd., UK). U.S. US 5753659 A 19980519, 68 pp., Cont.-in-part of U.S. 5,563,141. (English). CODEN: USXXAM. APPLICATION: US 1995-458180 19950602. PRIORITY: GB 1993-6451 19930329; GB 1993-25610 19931215; US 1994-218174 19940328.

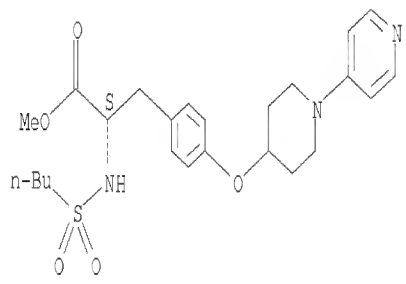
AB The title compds. [(M1)n-Q-(M2)1-n-L-A; n = 0-1; M1 = NH2; Q = an aromatic heterocyclic group containing N atom; M2 = imino; L = template; A = an acidic group, or its ester or amide, or sulfonamide] and their pharmaceutically acceptable salts and pro-drugs, useful for the prevention or treatment of a disease mediated by the binding of adhesion mols. to GPIIb/IIIa, for the inhibition of platelet aggregation, and for the treatment of unstable angina. Thus, reaction of Me 4-bromoacetylphenoxyacetate with 1-(4-pyridyl)piperazine in MeCN afforded Me 4-{2-[4-(4-pyridyl)piperazin-1-yl]acetyl}phenoxyacetate which showed pIC50 of 5.8-6.4 against binding of fibrinogen to GPIIb/IIIa.

IT 166950-52-3P 166951-74-2P
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); RCT (Reactant); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent); USES (Uses)
(preparation of heterocyclyl-substituted piperazines for the prevention or treatment of a disease mediated by the binding of adhesion mols. to GPIIb/IIIa)

RN 166950-52-3 CAPLUS

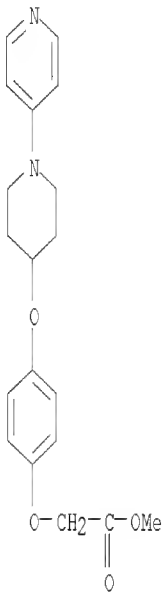
CN L-Tyrosine, N-(butylsulfonyl)-O-[1-(4-pyridinyl)-4-piperidinyl]-, methyl ester (CA INDEX NAME)

Absolute stereochemistry.



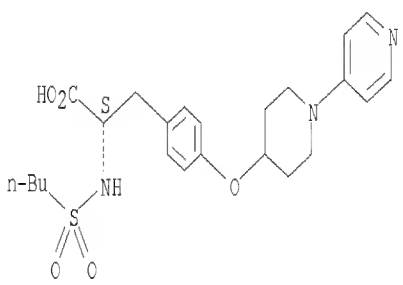
RN 166951-74-2 CAPLUS

CN Acetic acid, [4-[[1-(4-pyridinyl)-4-piperidinyl]oxy]phenoxy]-, methyl ester (9CI) (CA INDEX NAME)

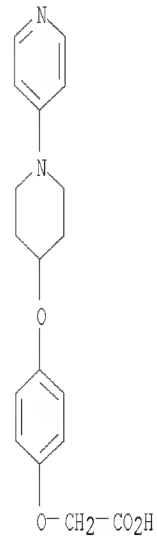


IT 166950-53-4P 166951-75-3P
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of heterocyclyl-substituted piperazines for the prevention or treatment of a disease mediated by the binding of adhesion mols. to GPIIb/IIIa)
RN 166950-53-4 CAPLUS
CN L-Tyrosine, N-(butylsulfonyl)-O-[1-(4-pyridinyl)-4-piperidinyl]- (CA INDEX NAME)

Absolute stereochemistry.

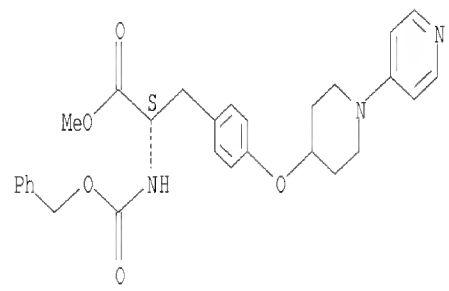


RN 166951-75-3 CAPLUS
CN Acetic acid, [4-[[1-(4-pyridinyl)-4-piperidinyl]oxy]phenoxy]- (9CI) (CA INDEX NAME)



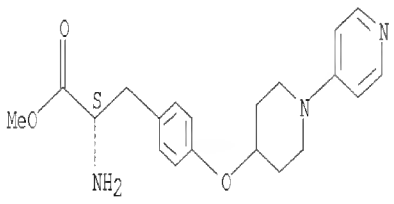
IT 166953-00-0P 166953-13-5P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation of heterocyclyl-substituted piperazines for the prevention or treatment of a disease mediated by the binding of adhesion mols. to GPIIb/IIIa)
RN 166953-00-0 CAPLUS
CN L-Tyrosine, N-[(phenylmethoxy)carbonyl]-O-[1-(4-pyridinyl)-4-piperidinyl]-, methyl ester (CA INDEX NAME)

Absolute stereochemistry.



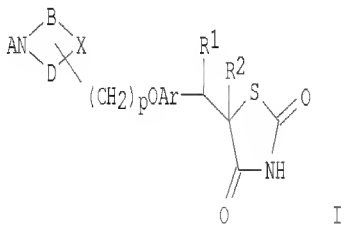
RN 166953-13-5 CAPLUS
CN L-Tyrosine, O-[1-(4-pyridinyl)-4-piperidinyl]-, methyl ester (CA INDEX NAME)

Absolute stereochemistry.



L5 ANSWER 28 OF 38 CAPLUS COPYRIGHT 2008 ACS on STN
1997:740227 Document No. 128:13260 Thiazolidinedione compounds having antidiabetic, hypolipidemic, antihypertensive properties, process for their preparation and pharmaceutical compositions. Lohray, Vidya Bhushan; Lohray, Braj Bhushan; Alla, Sekar Reddy; Paraselli, Rao Bheema; Ramanujam, Rajagopalan; Chakrabarti, Ranjan (Dr. Reddy's Research Foundation, India; Reddy-Cheminor, Inc.; Lohray, Vidya Bhushan; Lohray, Braj Bhushan; Alla, Sekar Reddy; Paraselli, Rao Bheema; Ramanujam, Rajagopalan; Chakrabarti, Ranjan). PCT Int. Appl. WO 9741120 A1 19971106, 81 pp. DESIGNATED STATES: W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, HU, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM; RW: AT, BE, BF, BJ, CF, CG, CH, CI, CM, DE, DK, ES, FI, FR, GA, GB, GR, IE, IT, LU, MC, ML, MR, NE, NL, PT, SE, SN, TD, TG. (English). CODEN: PIXXD2. APPLICATION: WO 1997-US7415 19970502. PRIORITY: US 1996-687840 19960726.

GI



I

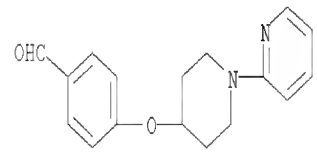
AB Novel thiazolidinedione antidiabetic compds. I [A = (un)substituted aromatic or 5-membered O-, N-, or S-containing heterocyclic group which may be fused to (un)substituted 6-membered N-containing heterocyclic group, which also may be fused; B, D = (un)substituted hydrocarbon linking group; X = CH2, N, O, S; Ar = (un)substituted divalent aromatic or heterocyclic group; R1, R2 = H, lower alkyl, halo, alkoxy, OH, or R1R2 = bond; p = 0-4] were prepared along with their tautomeric forms, their derivs., their stereoisomers, their polymorphs, their pharmaceutically acceptable salts, their pharmaceutically acceptable solvates and pharmaceuticals and acceptable compns. containing them. Methods for preparing the antidiabetic compds. and their uses are claimed.

IT 199117-85-6P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(for preparation of thiazolidinediones having antidiabetic, hypolipidemic and antihypertensive properties)

RN 199117-85-6 CAPLUS

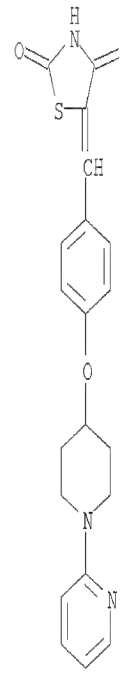
CN Benzaldehyde, 4-[[1-(2-pyridinyl)-4-piperidinyl]oxy]- (CA INDEX NAME)



IT 199117-48-1P
RL: SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of thiazolidinedione compds. having antidiabetic, hypolipidemic, antihypertensive properties)

RN 199117-48-1 CAPLUS

CN 2,4-Thiazolidinedione, 5-[[4-[[1-(2-pyridinyl)-4-piperidinyl]oxy]phenyl]methylene]- (CA INDEX NAME)



L5 ANSWER 29 OF 38 CAPLUS COPYRIGHT 2008 ACS on STN
1997:613831 Document No. 127:278203 Benzoxazinone and benzopyrimidinone piperidinyl tocolytic oxytocin receptor antagonists. Bock, Mark G.; Evans, Ben E.; Williams, Peter D.; Freidinger, Roger M.; Pettibone, Douglas J.; Hobbs, Doug W.; Anderson, Paul S. (Merck and Co., Inc., USA). U.S. US 5665719 A 19970909, 140 pp., Cont.-in-part of U.S. Ser. No.

92,840, abandoned. (English). CODEN: USXXAM. APPLICATION: US 1995-470693 19950606. PRIORITY: US 1993-92840 19930716.

GI

* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *

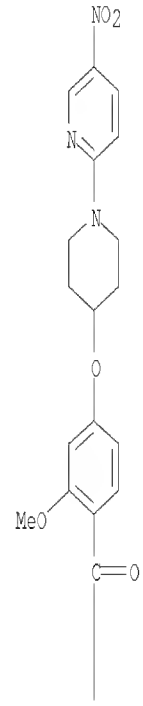
AB Compds. of formula I [X = O, NH, or NR8; Y = CH2, CHR8, or C(R8)2; R1 = camphor-10-yl, alkoxy, styryl, hydroxystyryl, furyl, (un)substituted thienyl, naphthyl, indolyl, tetrahydronaphthyl, (un)substituted pyridyl, pyrazinyl, (un)substituted cyclohexyl or Ph; R2 = H, alkoxy, alkyl, amino, alkylcarbonylamino, nitro, or halo; R3 = H, alkoxycarbonyl, cyano, or carbamoyl; and m = 0 or 1] and various analogs are disclosed. The compds. as useful as oxytocin (OT) and vasopressin receptor antagonists. Over 275 synthetic examples are given. For instance, Me 2,4-dihydroxybenzoate underwent Mitsunobu etherification with N-(tert-butoxycarbonyl)-4-piperidinol (51%), followed by O-methylation of the remaining hydroxyl (88%), saponification of the Me ester (95%), and coupling of the resultant acid with 1-(4-piperidinyl)-1,2-dihydro-4H-3,1-benzoxazin-2-one (HCl salt) using EDC and HOBt (88%), to give title compound II [R = CO2Bu-tert]. The latter was deprotected with HCl in dioxane (93%) and acetylated with Ac2O (89%) to give title compound II [R = Ac]. The latter inhibited binding of [3H]-OT to rat uterine OT receptors in vitro with an IC50 of 47 nM.

IT 196794-14-6P
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); RCT (Reactant); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent); USES (Uses)
(preparation of benzoxazinone and benzopyrimidinone derivs. as oxytocin and vasopressin receptor antagonists)

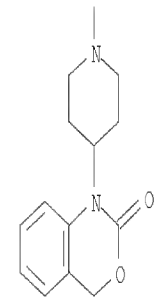
RN 196794-14-6 CAPLUS

CN Piperidine, 1-[2-methoxy-4-[[1-(5-nitro-2-pyridinyl)-4-piperidinyl]oxy]benzoyl]-4-(2-oxo-2H-3,1-benzoxazin-1(4H)-yl)- (9CI) (CA INDEX NAME)

PAGE 1-A



PAGE 2-A

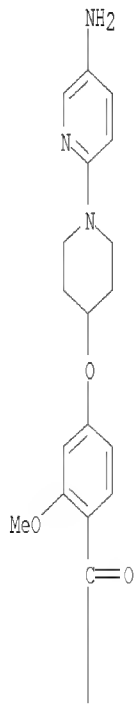


IT 162043-86-9P 196794-13-5P 196794-56-6P 196794-57-7P
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of benzoxazinone and benzopyrimidinone derivs. as oxytocin and vasopressin receptor antagonists)

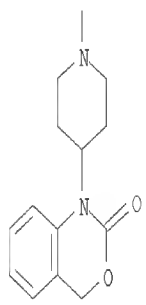
RN 162043-86-9 CAPLUS

CN Piperidine, 1-[4-[[1-(5-amino-2-pyridinyl)-4-piperidinyl]oxy]-2-methoxybenzoyl]-4-(2-oxo-2H-3,1-benzoxazin-1(4H)-yl)- (9CI) (CA INDEX NAME)

PAGE 1-A



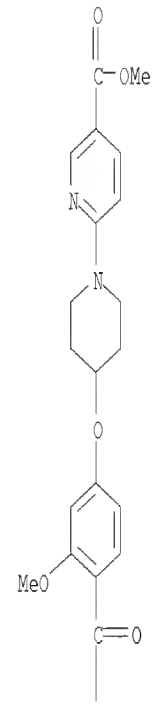
PAGE 2-A



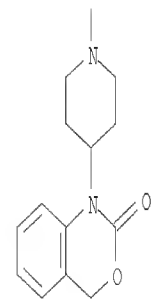
RN 196794-13-5 CAPLUS

CN 3-Pyridinecarboxylic acid, 6-[4-[3-methoxy-4-[[4-(2-oxo-2H-3,1-benzoxazin-1(4H)-yl)-1-piperidinyl]carbonyl]phenoxy]-1-piperidinyl]-, methyl ester (CA INDEX NAME)

PAGE 1-A

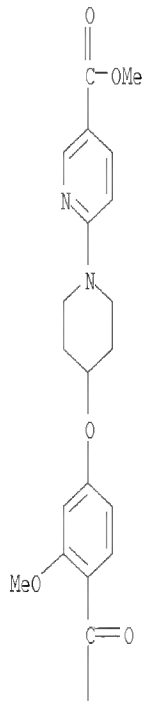


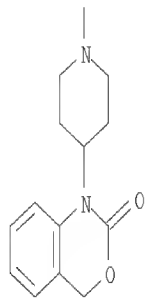
PAGE 2-A



RN 196794-56-6 CAPLUS

CN 3-Pyridinecarboxylic acid, 6-[4-[3-methoxy-4-[[4-(2-oxo-2H-3,1-benzoxazin-1(4H)-yl)-1-piperidinyl]carbonyl]phenoxy]-1-piperidinyl]-, methyl ester, dihydrochloride (9CI) (CA INDEX NAME)



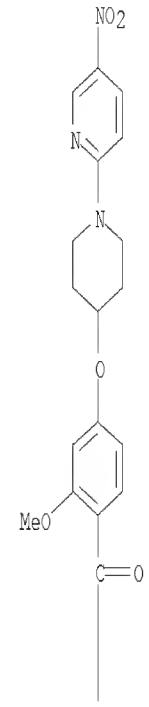


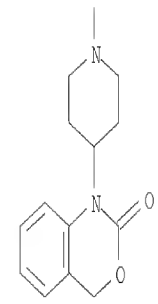
●2 HCl

RN 196794-57-7 CAPLUS

CN Piperidine, 1-[2-methoxy-4-[[1-(5-nitro-2-pyridinyl)-4-piperidinyl]oxy]benzoyl]-4-(2-oxo-2H-3,1-benzoxazin-1(4H)-yl)-, hydrochloride (2:5) (9CI) (CA INDEX NAME)

Print selected from 10599388.trn





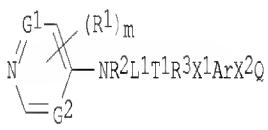
●5/2 HCl

L5 ANSWER 30 OF 38 CAPLUS COPYRIGHT 2008 ACS on STN

1997:533620 Document No. 127:220672 Preparation of aminoheterocyclic derivatives as antithrombotics or anticoagulants.. Smithers, Michael James; Preston, John; Stocker, Andrew (Zeneca Ltd., UK; Smithers, Michael James; Preston, John; Stocker, Andrew). PCT Int. Appl. WO 9728129 A1 19970807, 97 pp. DESIGNATED STATES: W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, HU, IL, IS, JP,

KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, TJ, TM, TR, TT, UA, UG, US, UZ, VN, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM; RW: AT, BE, BF, BJ, CF, CG, CH, CI, CM, DE, DK, ES, FI, FR, GA, GB, GR, IE, IT, LU, MC, ML, MR, NE, NL, PT, SE, SN, TD, TG. (English). CODEN: PIXXD2. APPLICATION: WO 1997-GB284 19970131. PRIORITY: GB 1996-2166 19960202.

GI



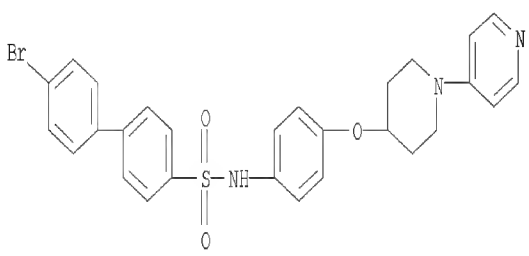
I

AB Title compds. [I; G1, G2 = CH, N; R1 = H, halo, CF3, OCF3, cyano, amino, OH, NO2, alkyl, alkoxy; L1 = (substituted) alkylene, cycloalkane-1,2-diyl, alkylenecarbonyl; T1 = CH, N; R2, R3 = H, alkyl; R2R3 = (substituted) alkylene, methylenecarbonyl; X1, X2 = SO, SO2, CO, C(R4)2, C(R4)2SO, C(R4)2SO2 C(R4)2O, etc.; R4 = H, alkyl; Ar =(substituted) phenylene, 5-6 membered heteroarylene; Q = (substituted) Ph, naphthyl, phenylalkyl, phenylalkenyl, phenylalkynyl, heterocyclyl], were prepared for treatment of coronary artery or cerebrovascular disease. Thus, 4-(6-chloronaphth-2-ylsulfonyl)benzoic acid (preparation given) and N-(4-pyridyl)piperazine were stirred with carbonyldiimidazole in DMF to give 1-[4-(6-chloronaphth-2-ylsulfonyl)benzoyl]-4-(4-pyridyl)piperazine. The latter inhibited Factor Xa with IC50 = 0.013 μM.

IT 194853-04-8P 194853-05-9P 194853-06-0P
194853-07-1P 194853-08-2P 194853-09-3P
194853-10-6P 194853-17-3P 194853-19-5P
194853-25-3P 194853-26-4P 194853-87-7P
194853-88-8P 194853-89-9P 194853-91-3P
194853-92-4P 194853-96-8P 194853-97-9P
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of aminoheterocyclic derivs. as antithrombotics or anticoagulants)

RN 194853-04-8 CAPLUS

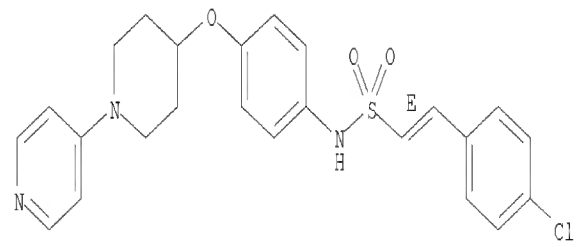
CN [1,1'-Biphenyl]-4-sulfonamide, 4'-bromo-N-[4-[[1-(4-pyridinyl)-4-piperidinyl]oxy]phenyl]- (CA INDEX NAME)



RN 194853-05-9 CAPLUS

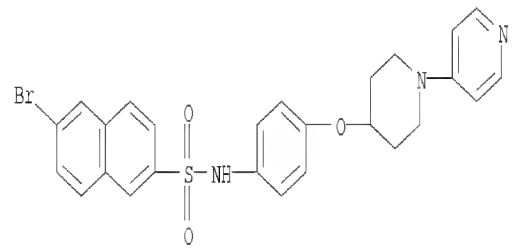
CN Ethenesulfonamide, 2-(4-chlorophenyl)-N-[4-[[1-(4-pyridinyl)-4-piperidinyl]oxy]phenyl]-, (E)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



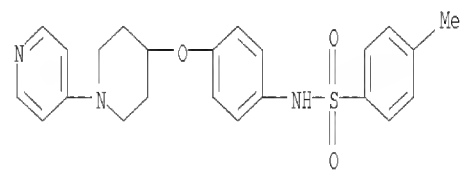
RN 194853-06-0 CAPLUS

CN 2-Naphthalenesulfonamide, 6-bromo-N-[4-[[1-(4-pyridinyl)-4-piperidinyl]oxy]phenyl]- (CA INDEX NAME)



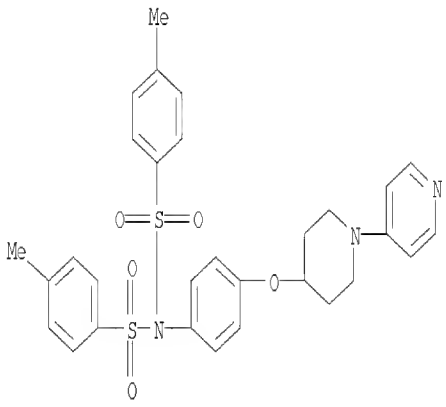
RN 194853-07-1 CAPLUS

CN Benzenesulfonamide, 4-methyl-N-[4-[[1-(4-pyridinyl)-4-piperidinyl]oxy]phenyl]- (CA INDEX NAME)



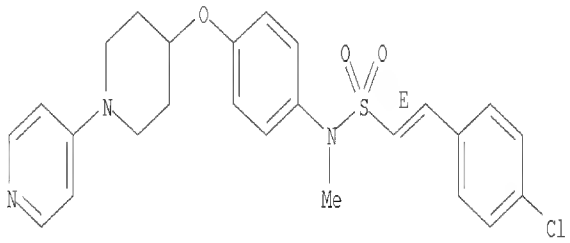
RN 194853-08-2 CAPLUS

CN Benzenesulfonamide, 4-methyl-N-[(4-methylphenyl)sulfonyl]-N-[4-[[1-(4-pyridinyl)-4-piperidinyl]oxy]phenyl]- (CA INDEX NAME)

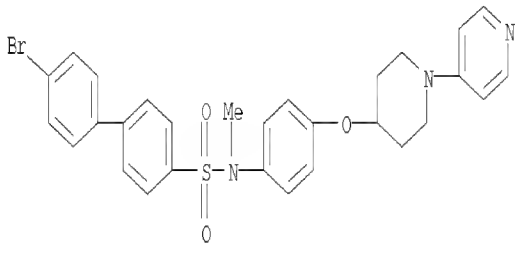


RN 194853-09-3 CAPLUS
CN Ethenesulfonamide, 2-(4-chlorophenyl)-N-methyl-N-[4-[[1-(4-pyridinyl)-4-piperidinyl]oxy]phenyl]-, (E)- (9CI) (CA INDEX NAME)

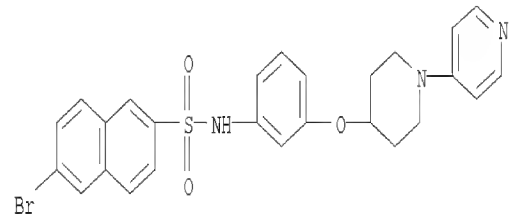
Double bond geometry as shown.



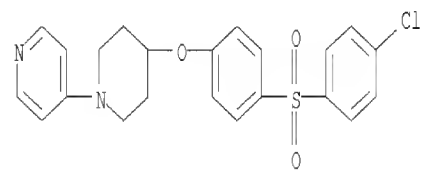
RN 194853-10-6 CAPLUS
CN [1,1'-Biphenyl]-4-sulfonamide, 4'-bromo-N-methyl-N-[4-[[1-(4-pyridinyl)-4-piperidinyl]oxy]phenyl]- (CA INDEX NAME)



RN 194853-17-3 CAPLUS
CN 2-Naphthalenesulfonamide, 6-bromo-N-[3-[[1-(4-pyridinyl)-4-piperidinyl]oxy]phenyl]- (CA INDEX NAME)

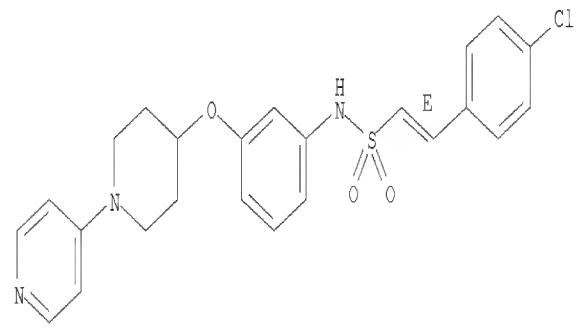


RN 194853-19-5 CAPLUS
CN Pyridine, 4-[4-[4-[(4-chlorophenyl)sulfonyl]phenoxy]-1-piperidinyl]- (CA INDEX NAME)

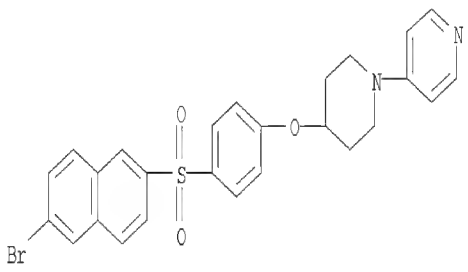


RN 194853-25-3 CAPLUS
CN Ethenesulfonamide, 2-(4-chlorophenyl)-N-[3-[[1-(4-pyridinyl)-4-piperidinyl]oxy]phenyl]-, (E)- (9CI) (CA INDEX NAME)

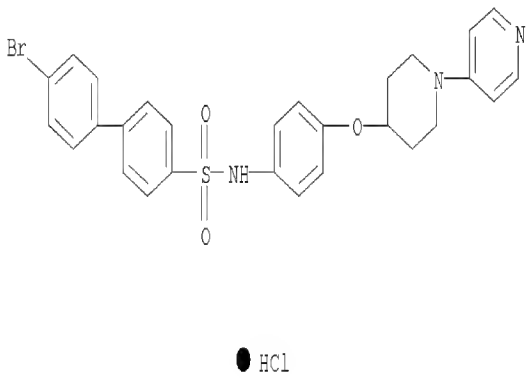
Double bond geometry as shown.



RN 194853-26-4 CAPLUS
CN Pyridine, 4-[4-[4-[(6-bromo-2-naphthalenyl)sulfonyl]phenoxy]-1-piperidinyl]- (CA INDEX NAME)



RN 194853-87-7 CAPLUS
CN [1,1'-Biphenyl]-4-sulfonamide, 4'-bromo-N-[4-[[1-(4-pyridinyl)-4-piperidinyl]oxy]phenyl]-, monohydrochloride (9CI) (CA INDEX NAME)



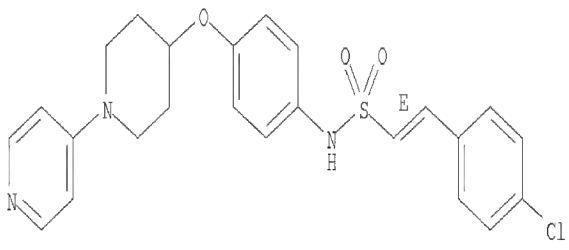
● HCl

RN 194853-88-8 CAPLUS
CN Ethenesulfonamide, 2-(4-chlorophenyl)-N-[4-[[1-(4-pyridinyl)-4-piperidinyl]oxy]phenyl]-, (E)-, mono(trifluoroacetate) (9CI) (CA INDEX NAME)

CM 1

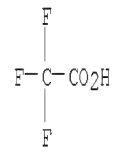
CRN 194853-05-9
CMF C24 H24 Cl N3 O3 S

Double bond geometry as shown.



CM 2

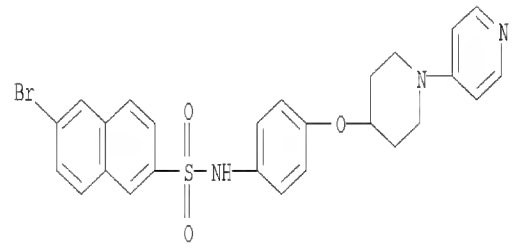
CRN 76-05-1
CMF C2 H F3 O2



RN 194853-89-9 CAPLUS
CN 2-Naphthalenesulfonamide, 6-bromo-N-[4-[[1-(4-pyridinyl)-4-piperidinyl]oxy]phenyl]-, mono(trifluoroacetate) (9CI) (CA INDEX NAME)

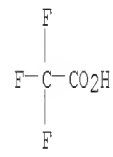
CM 1

CRN 194853-06-0
CMF C26 H24 Br N3 O3 S



CM 2

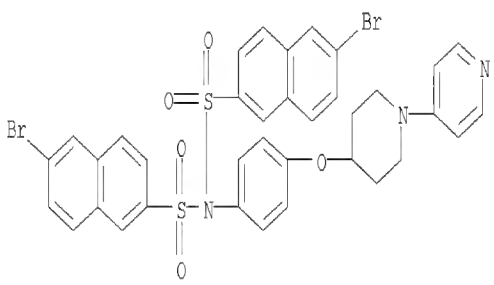
CRN 76-05-1
CMF C2 H F3 O2



RN 194853-91-3 CAPLUS
CN 2-Naphthalenesulfonamide, 6-bromo-N-[(6-bromo-2-naphthalenyl)sulfonyl]-N-[4-[[1-(4-pyridinyl)-4-piperidinyl]oxy]phenyl]-, mono(trifluoroacetate) (9CI) (CA INDEX NAME)

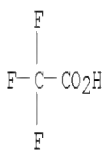
CM 1

CRN 194853-90-2
CMF C36 H29 Br2 N3 O5 S2

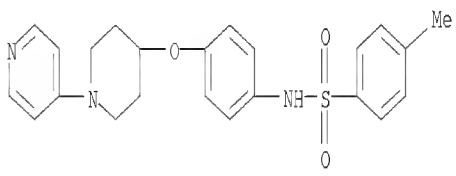


CM 2

CRN 76-05-1
CMF C2 H F3 O2

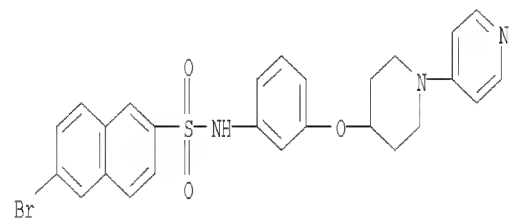


RN 194853-92-4 CAPLUS
CN Benzenesulfonamide, 4-methyl-N-[4-[[1-(4-pyridinyl)-4-piperidinyl]oxy]phenyl]-, monohydrochloride (9CI) (CA INDEX NAME)



● HCl

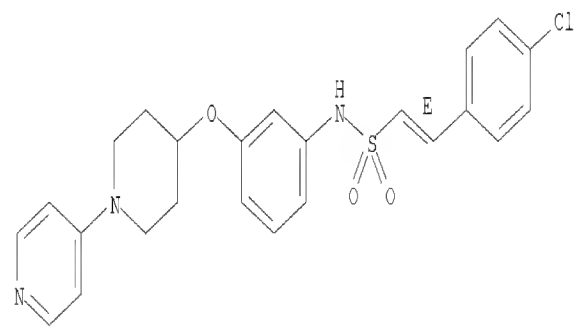
RN 194853-96-8 CAPLUS
CN 2-Naphthalenesulfonamide, 6-bromo-N-[3-[[1-(4-pyridinyl)-4-piperidinyl]oxy]phenyl]-, monohydrochloride (9CI) (CA INDEX NAME)



● HCl

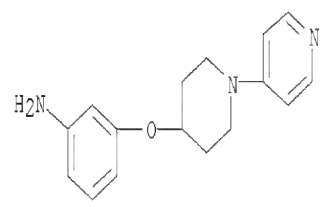
RN 194853-97-9 CAPLUS
CN Ethenesulfonamide, 2-(4-chlorophenyl)-N-[3-[[1-(4-pyridinyl)-4-piperidinyl]oxy]phenyl]-, monohydrochloride, (E)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



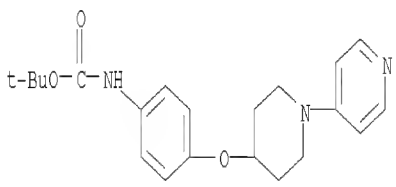
● HCl

IT 194853-83-3
RL: RCT (Reactant); RACT (Reactant or reagent)
(preparation of aminoheterocyclic derivs. as antithrombotics or anticoagulants)
RN 194853-83-3 CAPLUS
CN Benzenamine, 3-[[1-(4-pyridinyl)-4-piperidinyl]oxy]- (CA INDEX NAME)

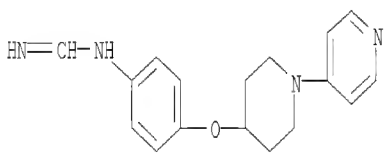


IT 130658-54-7P 194668-31-0P 194853-54-8P
194853-55-9P 194853-56-0P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation of aminoheterocyclic derivs. as antithrombotics or anticoagulants)
RN 130658-54-7 CAPLUS
CN Benzenamine, 4-[[1-(4-pyridinyl)-4-piperidinyl]oxy]- (CA INDEX NAME)

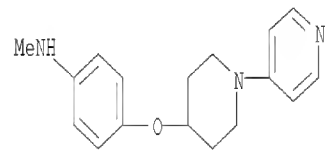
RN 194668-31-0 CAPLUS
CN Carbamic acid, [4-[[1-(4-pyridinyl)-4-piperidinyl]oxy]phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)



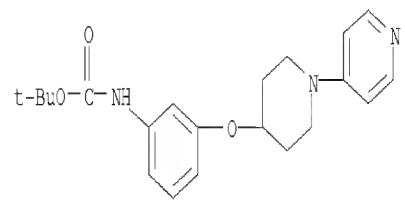
RN 194853-54-8 CAPLUS
CN Methanimidamide, N-[4-[[1-(4-pyridinyl)-4-piperidinyl]oxy]phenyl]- (CA INDEX NAME)



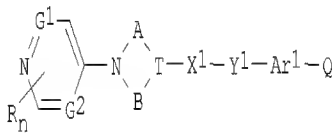
RN 194853-55-9 CAPLUS
CN Benzenamine, N-methyl-4-[[1-(4-pyridinyl)-4-piperidinyl]oxy]- (CA INDEX NAME)



RN 194853-56-0 CAPLUS
CN Carbamic acid, [3-[[1-(4-pyridinyl)-4-piperidinyl]oxy]phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)



L5 ANSWER 31 OF 38 CAPLUS COPYRIGHT 2008 ACS on STN
1997:533619 Document No. 127:205592 Preparation of pyridylpiperazines and pyridylpyrrolidines as oxido-squalene cyclase inhibitors. Brown, George Robert; Stokes, Elaine Sophie Elizabeth; Waterson, David; Wood, Robin; Watkins, William John; Newcombe, Nicholas John; Cumming, John Graham; et al. (Zeneca Ltd., UK; Brown, George Robert; Stokes, Elaine Sophie Elizabeth; Waterson, David; Wood, Robin; Watkins, William John; Newcombe, Nicholas John). PCT Int. Appl. WO 9728128 A1 19970807, 152 pp.
DESIGNATED STATES: W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, HU, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, TJ, TM, TR, TT, UA, UG, US, UZ, VN, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM; RW: AT, BE, BF, BJ, CF, CG, CH, CI, CM, DE, DK, ES, FI, FR, GA, GB, GR, IE, IT, LU, MC, ML, MR, NE, NL, PT, SE, SN, TD, TG. (English). CODEN: PIXXD2. APPLICATION: WO 1997-GB282 19970131.
PRIORITY: GB 1996-2157 19960202; GB 1996-2156 19960202.
GI



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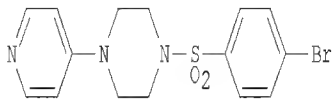


II

AB The title compds. [I; G1 = CH, N; G2 = CH, N; n = 1-2; R = H, halo, CF3, etc.; A = (un)substituted CH2, (CH2)2; B = (un)substituted (CH2)2; T = CH, N; X1 = SO2, SO, a bond, etc.; Y1 = a bond, CR6R7 (wherein R6, R7 = H, C1-4 alkyl); Ar1 = phenylene, naphthylene, etc.; Q = H, L1X2L2Z (wherein L1 = a bond, C1-4 alkylene, C2-4 alkenylene; L2 = a bond, C1-4 alkylene; X2 = a bond, O, S, etc.; Z = H, Ph, naphthyl, etc.)] and their salts, the enzyme oxido-squalene cyclase inhibitors, and useful in treating hypercholesterolemia or atherosclerosis, and also as anti-fungal agents, were prepared and formulated. Thus, reaction of 1-(4-pyridyl)piperazine with 4-bromophenylsulfonyl chloride in the presence of Et3N in CH2Cl2 afforded the title compound II which showed 100% inhibition of oxido-squalene cyclase at 1 μM in vitro.

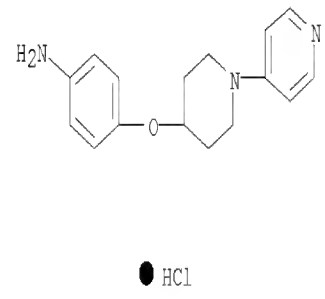
IT 130658-54-7P 194666-87-0P 194667-78-2P
194667-83-9P
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of pyridylpiperazines and pyridylpyrrolidines as oxido-squalene cyclase inhibitors)

RN 130658-54-7 CAPLUS

CN Benzenamine, 4-[[1-(4-pyridinyl)-4-piperidinyl]oxy]- (CA INDEX NAME)

RN 194666-87-0 CAPLUS

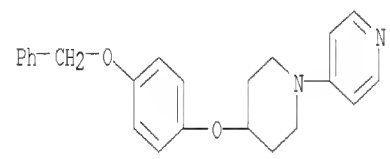
CN Benzenamine, 4-[[1-(4-pyridinyl)-4-piperidinyl]oxy]-, monohydrochloride (9CI) (CA INDEX NAME)



● HCl

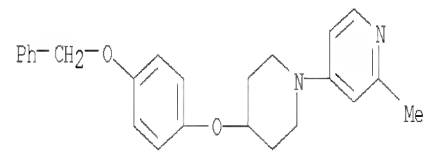
RN 194667-78-2 CAPLUS

CN Pyridine, 4-[4-[4-(phenylmethoxy)phenoxy]-1-piperidinyl]- (CA INDEX NAME)



RN 194667-83-9 CAPLUS

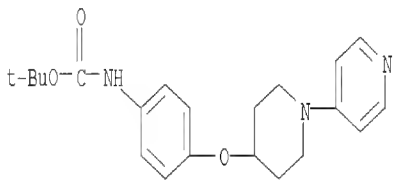
CN Pyridine, 2-methyl-4-[4-[4-(phenylmethoxy)phenoxy]-1-piperidinyl]- (CA INDEX NAME)



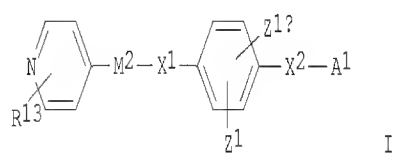
IT 194668-31-0P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation of pyridylpiperazines and pyridylpyrrolidines as oxido-squalene cyclase inhibitors)

RN 194668-31-0 CAPLUS

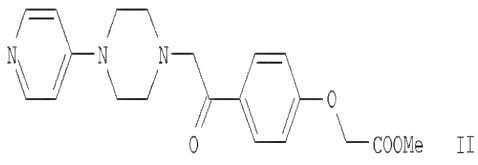
CN Carbamic acid, [4-[[1-(4-pyridinyl)-4-piperidinyl]oxy]phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)



L5 ANSWER 32 OF 38 CAPLUS COPYRIGHT 2008 ACS on STN
1997:513484 Document No. 127:190753 Preparation of heterocyclic derivatives as inhibitors of the binding of fibrinogen to glycoprotein IIb/IIIa. Wayne, Michael Garth; Smithers, Michael James; Rayner, John Wall; Faull, Alan Wellington; Pearce, Robert James; Brewster, Andrew George; Shute, Richard Eden; Mills, Stuart Dennett; Caulkett, Peter William Rodney (Zeneca Ltd., UK). U.S. US 5652242 A 19970729, 42 pp., Cont.-in-part of U.S. 5,556,977. (English). CODEN: USXXAM. APPLICATION: US 1995-457538 19950601. PRIORITY: GB 1993-6453 19930329; GB 1993-25605 19931215; US 1994-218171 19940328.
GI



I

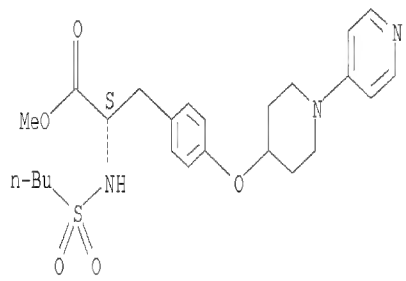


II

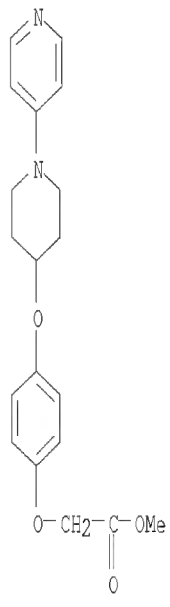
AB The title compds. [I; M2 = NR3 (wherein R3 = H, C1-4 alkyl), etc.; X1 = a bond, C1-4 alkylene, C2-4 alkylene, etc.; Z1, Z1a = H, OH, halo, etc.; X2 = a bond, C1-4 alkylene, C2-4 alkylene, etc.; A1 = COOH, a metabolically stable ester, amide; R13 = H, C1-4 alkyl, C1-4 alkoxy, halo] and their pharmaceutically acceptable salts, useful as inhibitors of the binding of fibrinogen to glycoprotein IIb/IIIa, were prepared and formulated. Thus, reaction of Me 4-bromoacetylphenoxyacetate with 1-(4-pyridyl)piperazine in MeCN afforded the title compound II which showed pIC50 of 7.2 against platelet aggregation.
IT 166950-52-3P 166951-74-2P
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); RCT (Reactant); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent); USES (Uses)

(preparation of heterocyclic derivs. as inhibitors of the binding of fibrinogen to glycoprotein IIb/IIIa)
RN 166950-52-3 CAPLUS
CN L-Tyrosine, N-(butylsulfonyl)-O-[1-(4-pyridinyl)-4-piperidinyl]-, methyl ester (CA INDEX NAME)

Absolute stereochemistry.

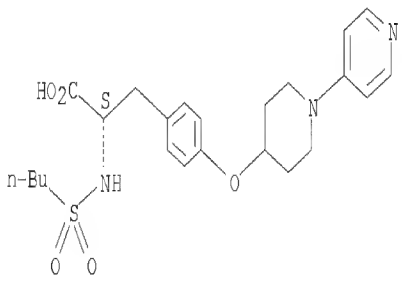


RN 166951-74-2 CAPLUS
CN Acetic acid, [4-[[1-(4-pyridinyl)-4-piperidinyl]oxy]phenoxy]-, methyl ester (9CI) (CA INDEX NAME)

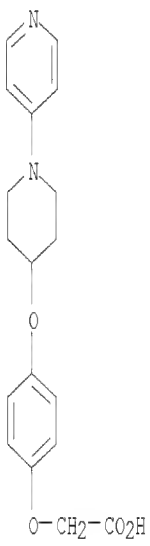


IT 166950-53-4P 166951-75-3P
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of heterocyclic derivs. as inhibitors of the binding of fibrinogen to glycoprotein IIb/IIIa)
RN 166950-53-4 CAPLUS
CN L-Tyrosine, N-(butylsulfonyl)-O-[1-(4-pyridinyl)-4-piperidinyl]- (CA INDEX NAME)

Absolute stereochemistry.

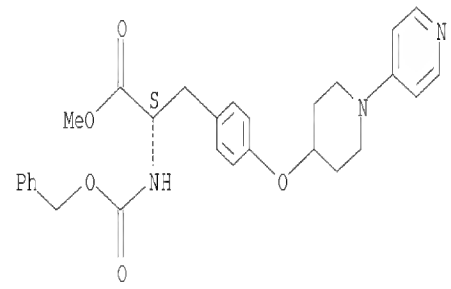


RN 166951-75-3 CAPLUS
CN Acetic acid, [4-[[1-(4-pyridinyl)-4-piperidinyl]oxy]phenoxy]- (9CI) (CA INDEX NAME)



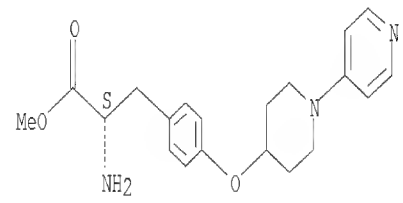
IT 166953-00-0P 166953-13-5P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation of heterocyclic derivs. as inhibitors of the binding of fibrinogen to glycoprotein IIb/IIIa)
RN 166953-00-0 CAPLUS
CN L-Tyrosine, N-[(phenylmethoxy)carbonyl]-O-[1-(4-pyridinyl)-4-piperidinyl]-, methyl ester (CA INDEX NAME)

Absolute stereochemistry.

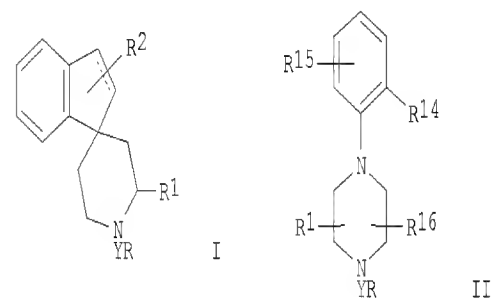


RN 166953-13-5 CAPLUS
CN L-Tyrosine, O-[1-(4-pyridinyl)-4-piperidinyl]-, methyl ester (CA INDEX NAME)

Absolute stereochemistry.



L5 ANSWER 33 OF 38 CAPLUS COPYRIGHT 2008 ACS on STN
1995:954796 Document No. 123:330860 Tocolytic oxytocin receptor antagonists.
Bock, Mark G.; Evans, Ben E.; Culberson, J. Christopher; Gilbert, Kevin F.; Rittle, Kenneth E.; Williams, Peter D. (Merck and Co., Inc., USA).
PCT Int. Appl. WO 9525443 A1 19950928, 114 pp. DESIGNATED STATES: W: AM, AU, BB, BG, BR, BY, CA, CN, CZ, EE, FI, GE, HU, IS, JP, KG, KR, KZ, LK, LR, LT, LV, MD, MG, MN, MX, NO, NZ, PL, RO, RU, SG, SI, SK, TJ, TT, UA, US, UZ; RW: AT, BE, BF, BJ, CF, CG, CH, CI, CM, DE, DK, ES, FR, GA, GB, GR, IE, IT, LU, MC, ML, MR, NE, NL, PT, SE, SN, TD, TG. (English).
CODEN: PIXXD2. APPLICATION: WO 1995-US3738 19950323. PRIORITY: US 1994-217270 19940324.
GI

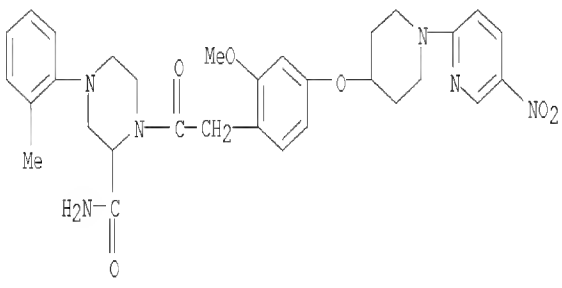


AB Spiroindenepiperidine derivs. I [R1 = H, C1-5 alkyl, CN, CO2H, Ph, etc.; R2 = H, PhCH2, C3-8 cycloalkyl, C1-5 alkyl; Y = CO2, C(O)NR2, C(:NR2), SO2, C(O)(CH2)n, (CH2)p, (CH2)pC(O); R = (tetrahydro)naphthyl, (substituted) cyclohexyl, (substituted) Ph, heterocyclyl; bond in cyclopentane ring is single or double; n = 0-3; p = 1-3] and phenylpiperazine derivs. II (Y, R, R1 as above; R14, R15 = H, C1-5 alkyl, C1-5 alkoxy, halo, NO2, CN; R16 = H, :O) and their pharmaceutically acceptable salts and esters are useful as oxytocin and vasopressin receptor antagonists for treatment of preterm labor and dysmenorrhea and for stopping labor prior to cesarean delivery. Thus, 1-[2-methoxy-4-[1-[2-(N-cyclopropylamino)ethylsulfonyl]-4-piperidyloxy]phenylacetyl]-4-(2-methylphenyl)piperazine-2-carboxamide (III) was prepared in 11 steps from 4-hydroxypiperidine, Me 2,4-dihydroxybenzoate, 2-benzylaminoethanol, o-toluidine, 2,3-dibromopropionamide, and cyclopropylamine. III competed with 1 nM oxytocin-3H for binding to rat uterine tissue with an IC50 of 20 nM.

IT 170930-36-6
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(tocolytic oxytocin receptor antagonists)

RN 170930-36-6 CAPLUS

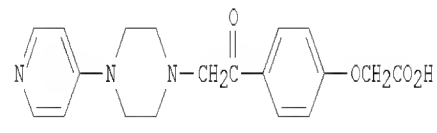
CN 2-Piperazinecarboxamide, 1-[[2-methoxy-4-[[1-(5-nitro-2-pyridinyl)-4-piperidinyl]oxy]phenyl]acetyl]-4-(2-methylphenyl)- (9CI) (CA INDEX NAME)



L5 ANSWER 34 OF 38 CAPLUS COPYRIGHT 2008 ACS on STN

1995:810381 Document No. 123:227994 Heterocyclic derivatives as platelet aggregation inhibitors. Wayne, Michael Garth; Smithers, Michael James; Rayner, John Wall; Faull, Alan Wellington; Pearce, Robert James; Brewster, Andrew George; Shute, Richard Eden; Mills, Stuart Dennett; Caulkett, Peter William Rodney (Zeneca Ltd., UK). PCT Int. Appl. WO 9422834 A1 19941013, 145 pp. DESIGNATED STATES: W: AT, AU, BB, BG, BR, BY, CA, CH, CN, CZ, DE, DK, ES, FI, GB, HU, JP, KP, KR, KZ, LK, LU, LV, MG, MN, MW, NL, NO, NZ, PL, PT, RO, RU, SD, SE, SI, SK, TT, UA, UZ, VN; RW: AT, BE, BF, BJ, CF, CG, CH, CI, CM, DE, DK, ES, FR, GA, GB, GR, IE, IT, LU, MC, ML, MR, NE, NL, PT, SE, SN, TD, TG. (English). CODEN: PIXXD2. APPLICATION: WO 1994-GB647 19940328. PRIORITY: GB 1993-6453 19930329; GB 1993-25605 19931215.

GI



I

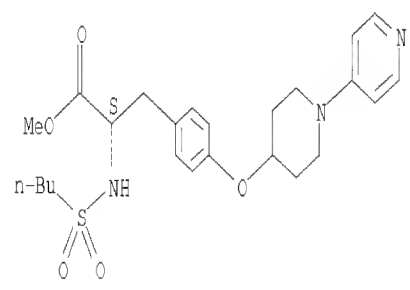
AB Pyridine derivs. and metabolically labile esters and amides thereof were disclosed as pharmaceuticals. The compds. are useful as inhibitors of the binding of fibrinogen to glycoprotein IIb/IIIa. A specifically claimed compound is 4-[2-[4-(4-pyridinyl)-1-piperazinyl]acetyl]phenoxyacetic acid (I).

IT 166950-52-3P 166951-74-2P
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); RCT (Reactant); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent); USES (Uses)
(preparation of pyridine compds. platelet aggregation inhibitors)

RN 166950-52-3 CAPLUS

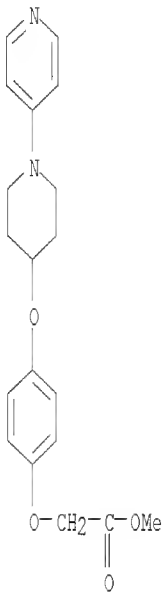
CN L-Tyrosine, N-(butylsulfonyl)-O-[1-(4-pyridinyl)-4-piperidinyl]-, methyl ester (CA INDEX NAME)

Absolute stereochemistry.



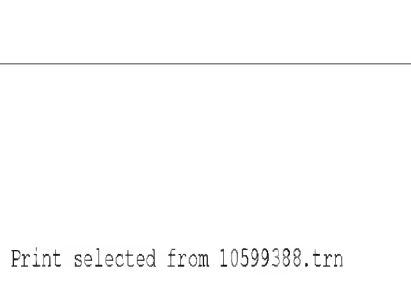
RN 166951-74-2 CAPLUS

CN Acetic acid, [4-[[1-(4-pyridinyl)-4-piperidinyl]oxy]phenoxy]-, methyl ester (9CI) (CA INDEX NAME)



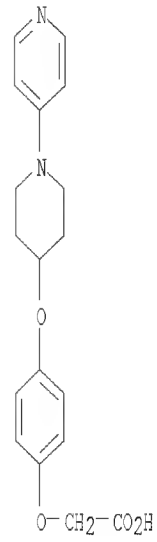
IT 166950-53-4P 166951-75-3P
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of pyridine compds. platelet aggregation inhibitors)
RN 166950-53-4 CAPLUS
CN L-Tyrosine, N-(butylsulfonyl)-O-[1-(4-pyridinyl)-4-piperidinyl]- (CA INDEX NAME)

Absolute stereochemistry.



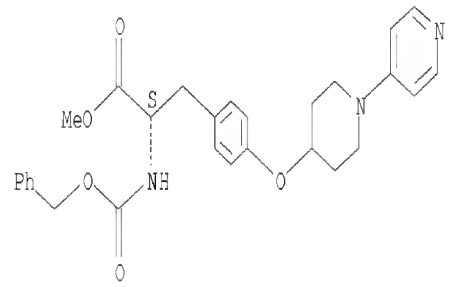
RN 166951-75-3 CAPLUS
CN Acetic acid, [4-[[1-(4-pyridinyl)-4-piperidinyl]oxy]phenoxy]- (9CI) (CA INDEX NAME)

Print selected from 10599388.trn



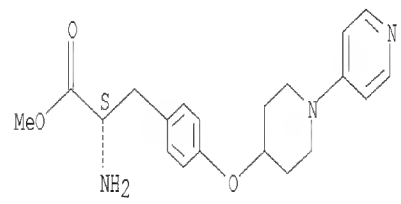
IT 166953-00-0P 166953-13-5P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation of pyridine compds. platelet aggregation inhibitors)
RN 166953-00-0 CAPLUS
CN L-Tyrosine, N-[(phenylmethoxy)carbonyl]-O-[1-(4-pyridinyl)-4-piperidinyl]-, methyl ester (CA INDEX NAME)

Absolute stereochemistry.

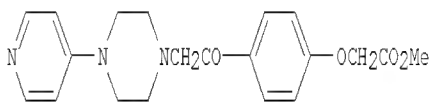


RN 166953-13-5 CAPLUS
CN L-Tyrosine, O-[1-(4-pyridinyl)-4-piperidinyl]-, methyl ester (CA INDEX NAME)

Absolute stereochemistry.



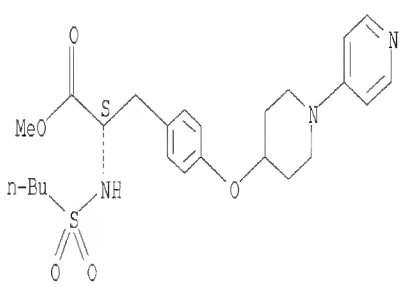
L5 ANSWER 35 OF 38 CAPLUS COPYRIGHT 2008 ACS on STN
1995:758624 Document No. 123:169654 Preparation of heterocyclic compounds as platelet aggregation inhibitors. Wayne, Michael Garth; Smithers, Michael James; Rayner, John Wall; Faull, Alan Wellington; Pearce, Robert James; Brewster, Andrew George; Shute, Richard Eden; Mills, Stuart Dennett; Caulkett, Peter William Rodney (Zeneca Ltd., UK). PCT Int. Appl. WO 9422835 A2 19941013, 236 pp. DESIGNATED STATES: W: AT, AU, BB, BG, BR, BY, CA, CH, CN, CZ, DE, DK, ES, FI, GB, HU, JP, KP, KR, KZ, LK, LU, LV, MG, MN, MW, NL, NO, NZ, PL, PT, RO, RU, SD, SE, SI, SK, TT, UA, UZ, VN; RW: AT, BE, BF, BJ, CF, CG, CH, CI, CM, DE, DK, ES, FR, GA, GB, GR, IE, IT, LU, MC, ML, MR, NE, NL, PT, SE, SN, TD, TG. (English). CODEN: PIXXD2. APPLICATION: WO 1994-GB648 19940328. PRIORITY: GB 1993-6451 19930329; GB 1993-25610 19931215.
GI



I

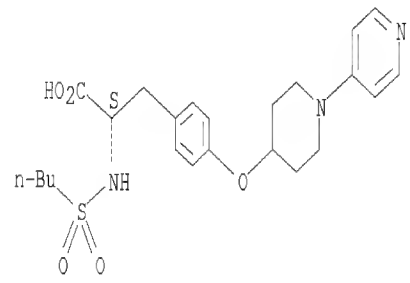
AB Title compds. [I; (M1)nQ(M2)1-nLA wherein = 0, 1; M1 = amino; Q = N-heterocyclyl; M2 = imino; L = template; A = an acidic group, or ester, amide derivative, sulfonamide] and pharmaceutically acceptable salts and pro-drugs thereof are prepared Me 4-(bromoacetyl)phenoxyacetate in MeCN was added to 1-(4-pyridyl)piperazine in MeCN to give the title compd II. Platelet aggregation inhibition was demonstrated by I. Pharmaceutical formulations comprising I are given.
IT 166950-52-3P 166950-53-4P 166951-74-2P 166951-75-3P
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of heterocyclic compds. as platelet aggregation inhibitors)
RN 166950-52-3 CAPLUS
CN L-Tyrosine, N-(butylsulfonyl)-O-[1-(4-pyridinyl)-4-piperidinyl]-, methyl ester (CA INDEX NAME)

Absolute stereochemistry.

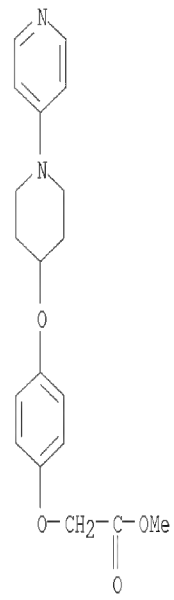


RN 166950-53-4 CAPLUS
CN L-Tyrosine, N-(butylsulfonyl)-O-[1-(4-pyridinyl)-4-piperidinyl]- (CA INDEX NAME)

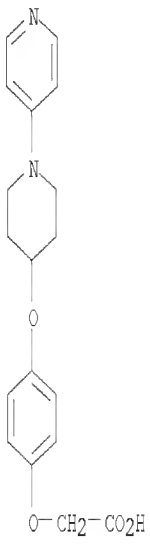
Absolute stereochemistry.



RN 166951-74-2 CAPLUS
CN Acetic acid, [4-[[1-(4-pyridinyl)-4-piperidinyl]oxy]phenoxy]-, methyl ester (9CI) (CA INDEX NAME)

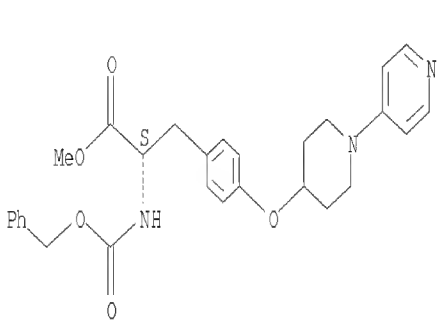


RN 166951-75-3 CAPLUS
CN Acetic acid, [4-[[1-(4-pyridinyl)-4-piperidinyl]oxy]phenoxy]- (9CI) (CA INDEX NAME)



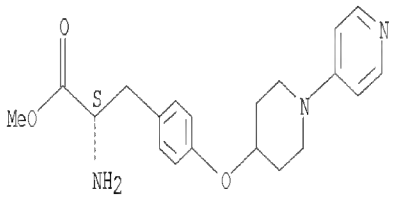
IT 166953-00-0P 166953-13-5P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation of heterocyclic compds. as platelet aggregation inhibitors)
RN 166953-00-0 CAPLUS
CN L-Tyrosine, N-[(phenylmethoxy)carbonyl]-O-[1-(4-pyridinyl)-4-piperidinyl]-, methyl ester (CA INDEX NAME)

Absolute stereochemistry.

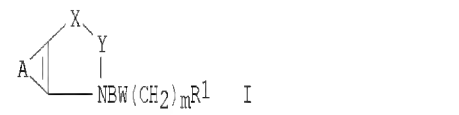


RN 166953-13-5 CAPLUS
CN L-Tyrosine, O-[1-(4-pyridinyl)-4-piperidinyl]-, methyl ester (CA INDEX NAME)

Absolute stereochemistry.



L5 ANSWER 36 OF 38 CAPLUS COPYRIGHT 2008 ACS on STN
1995:470323 Document No. 123:276051 Benzoxazinone and benzopyrimidinone piperidinyl tocolytic oxytocin receptor antagonists. Bock, Mark G.; Evans, Ben E.; Hobbs, Doug W.; Williams, Peter D.; Anderson, Paul S.; Freidinger, Roger M.; Pettibone, Douglas J. (Merck and Co., Inc., USA). PCT Int. Appl. WO 9502405 A1 19950126, 385 pp. DESIGNATED STATES: W: AM, AU, BB, BG, BR, BY, CA, CN, CZ, FI, GE, HU, JP, KE, KG, KR, KZ, LK, LT, LV, MD, MG, MN, MW, NO, NZ, PL, RO, RU, SD, SI, SK, TJ, TT, UA, US, UZ; RW: AT, BE, BF, BJ, CF, CG, CH, CI, CM, DE, DK, ES, FR, GA, GB, GR, IE, IT, LU, MC, ML, MR, NE, NL, PT, SE, SN, TD, TG. (English). CODEN: PIXXD2. APPLICATION: WO 1994-US7784 19940714. PRIORITY: US 1993-92840 19930716.
GI



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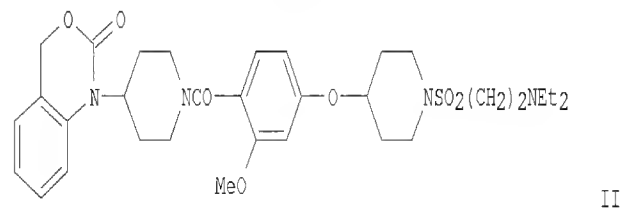
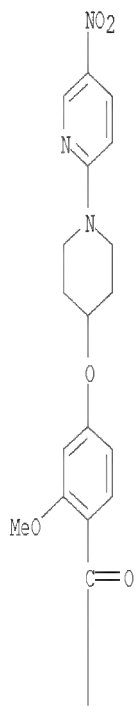


II

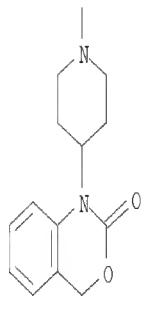
AB Fused N-containing heterocyclic ring system derivs. I [A completes a 5- or 6-membered carbocyclic or N- and/or S-containing heterocyclic ring; X = O, NH, (CH2)qO, CH2NH, OCH2, CH:CH, S, etc.; Y = CH2, C:O, C:S, C:NH, C:NMe; B = (substituted) N-containing heterocyclic or heterobicyclic ring; W = CH2, C:O, CO2, SO2, C(:NCH2Ph), etc.; R1 = (hetero)aryl, C1-5 alkoxy, camphor-10-yl] are useful as oxytocin and vasopressin receptor antagonists, e.g in treatment of preterm labor and dysmenorrhea and in stopping labor preparatory to cesarean delivery. Thus, in competitive radioligand binding assays on rat uterus membrane prepns., high-affinity binding of oxytocin-3H was inhibited by 1-[1-[4-[1-[(diethylaminoethyl)sulfonyl]-4-piperidinyloxy]-2-methoxybenzoyl]piperidin-4-yl]-1,2-dihydro-4H-3,1-benzoxazin-2-one (II) with an IC50 of 23 nM. II was prepared in 7 steps from Me 2,4-dihydroxybenzoate, N-tert-butyloxy-4-piperidinol, 1-(4-piperidinyl)-1,2-dihydro-4H-3,1-benzoxazin-2-one-HCl (preparation given), ClCH2CH2SO2Cl, and HNEt2. Preparation of 277 compds. of formula I is described.
IT 162043-85-8P 162043-86-9P
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(benzoxazinone and benzopyrimidinone piperidinyl tocolytic oxytocin receptor antagonists)

RN 162043-85-8 CAPLUS
CN Piperidine, 1-[2-methoxy-4-[[1-(5-nitro-2-pyridinyl)-4-piperidinyl]oxy]benzoyl]-4-(2-oxo-2H-3,1-benzoxazin-1(4H)-yl)-, dihydrochloride (9CI) (CA INDEX NAME)

PAGE 1-A



PAGE 2-A

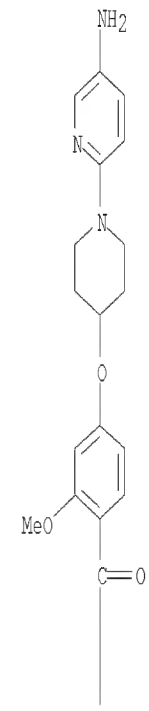


●2 HCl

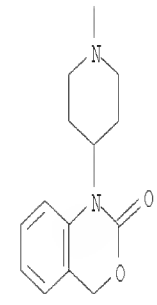
RN 162043-86-9 CAPLUS
CN Piperidine, 1-[4-[[1-(5-amino-2-pyridinyl)-4-piperidinyl]oxy]-2-

methoxybenzoyl]-4-(2-oxo-2H-3,1-benzoxazin-1(4H)-yl)- (9CI) (CA INDEX NAME)

PAGE 1-A

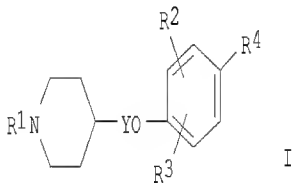


PAGE 2-A



L5 ANSWER 37 OF 38 CAPLUS COPYRIGHT 2008 ACS on STN
1994:630775 Document No. 121:230775 Phenoxy- and (phenoxyalkyl)piperidines as antiviral agents. Diana, Guy Dominic (Sterling Winthrop Inc., USA). Eur. Pat. Appl. EP 605031 A1 19940706, 22 pp. DESIGNATED STATES: R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT, SE. (English). CODEN: EPXXDW. APPLICATION: EP 1993-203414 19931204. PRIORITY: US 1992-998498 19921230.

GI



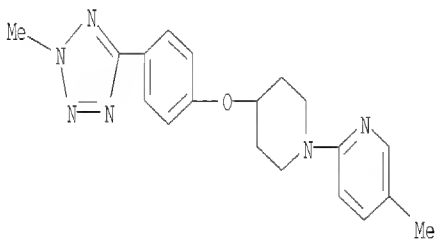
I

AB The title compds. [I; R1 = (un)substituted pyridyl, (un)substituted pyrimidinyl, (un)substituted pyrazinyl, etc.; R2, R3 = H, alkyl, halogen; R4 = heterocyclyl; Y = direct bond, lower alkylene], useful for combating or preventing picorna viral infections, are prepared Thus, 2-methyl-5-(4-hydroxy-3,5-dimethylphenyl)-2H-tetrazole was reacted with 1-(5-methyl-2-pyridinyl)-4-(2-hydroxyethyl)piperidine in the presence of PPh3 and di-Et azodicarboxylate, producing I (R1 = 5-methyl-2-pyridinyl, R2 = 3-Me, R3 = 5-Me, R4 = 2-methyl-2H-tetrazol-5-yl, Y = CH2CH2), m.p. 174-176°, which demonstrated virucidal activity against human rhinovirus serotypes.

IT 158181-65-8P 158181-69-2P
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation)
(preparation and virucidal activity of)

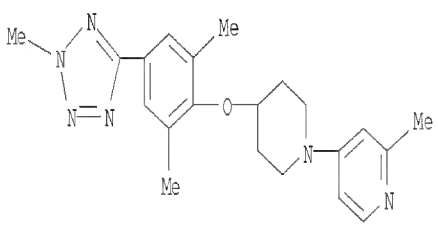
RN 158181-65-8 CAPLUS

CN Pyridine, 5-methyl-2-[4-[4-(2-methyl-2H-tetrazol-5-yl)phenoxy]-1-piperidinyl]- (CA INDEX NAME)



RN 158181-69-2 CAPLUS

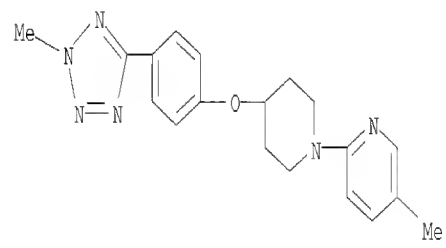
CN Pyridine, 4-[4-[2,6-dimethyl-4-(2-methyl-2H-tetrazol-5-yl)phenoxy]-1-piperidinyl]-2-methyl- (CA INDEX NAME)



IT 158181-65-8
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); BIOL (Biological study)
(virucide)

RN 158181-65-8 CAPLUS

CN Pyridine, 5-methyl-2-[4-[4-(2-methyl-2H-tetrazol-5-yl)phenoxy]-1-piperidinyl]- (CA INDEX NAME)



L5 ANSWER 38 OF 38 CAPLUS COPYRIGHT 2008 ACS on STN

1990:631211 Document No. 113:231211 Preparation of N-[(heterocyclylmethoxy)phenyl]sulfamides and analogs as antiarrhythmics. Cross, Peter Edward; Dickinson, Roger Peter (Pfizer Ltd., UK; Pfizer Inc.). Eur. Pat. Appl. EP 359389 A1 19900321, 42 pp. DESIGNATED STATES: R: AT, BE, CH, DE, ES, FR, GB, GR, IT, LI, LU, NL, SE. (English). CODEN: EPXXDW. APPLICATION: EP 1989-308064 19890808. PRIORITY: GB 1988-19307 19880813.

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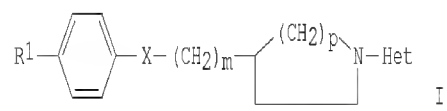

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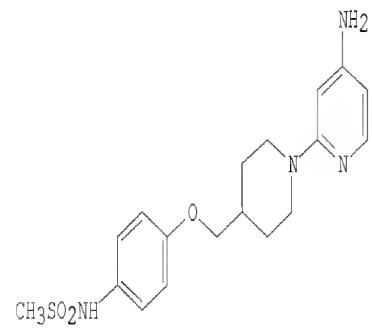


II

AB 4-R1C6H4X(CH2)nNRHet and I [R = C1-4 alkyl; R1 = R2SO2NH, R2CONH; R2 = C1-4 alkyl, C3-7 cycloalkyl, NR3R4; R3, R4 = H, C1-4 alkyl; Het =

(un)substituted 2-, 3-, or 4-pyridyl; X = O, N(C1-4 alkyl); m = 0-2; n = 2-4] or their pharmaceutically acceptable salts, useful for treatment of cardiac arrhythmia (no data) were prepared A mixture of 1-(benzyloxycarbonyl)-4-piperidinemethanol (preparation given) and NaH in THF was treated with 4-fluoronitrobenzene and the mixture was stirred 18 h at room temperature The resulting (nitrophenoxymethyl)piperidine derivative was reduced by Zn/HCl in EtOH and mesylated in pyridine, the methanesulfonamide was deprotected by hydrogenation over Pd/C in EtOH and N-alkylated with 2-chloro-4-nitropyridine by refluxing for 18 h in BuOH containing Na2CO3 and the product hydrogenated over Pd/C to give the title compound II.

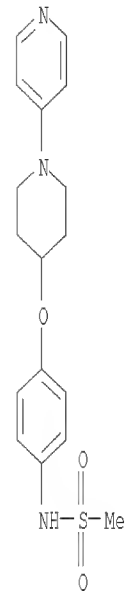
IT 130658-54-7P 130658-66-1P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation and reaction of, in preparation of antiarrhythmic)

RN 130658-54-7 CAPLUS
CN Benzenamine, 4-[[1-(4-pyridinyl)-4-piperidinyl]oxy]- (CA INDEX NAME)

RN 130658-66-1 CAPLUS
CN Pyridine, 4-[4-(4-nitrophenoxy)-1-piperidinyl]- (CA INDEX NAME)

IT 130658-53-6P
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of, as antiarrhythmic)

RN 130658-53-6 CAPLUS
CN Methanesulfonamide, N-[4-[[1-(4-pyridinyl)-4-piperidinyl]oxy]phenyl]- (CA INDEX NAME)



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DICTIONARY FILE UPDATES:  11 MAR 2008  HIGHEST RN 1007457-12-6

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predicted properties as well as tags indicating availability of
experimental property data in the original document.  For information
on property searching in REGISTRY, refer to:

http://www.cas.org/support/stngen/stndoc/properties.html

=> s piperidine
L6      508978 PIPERIDINE

=> s l6 and pyridine
       1001880 PYRIDINE
             3 PYRIDINES
       1001880 PYRIDINE
                 (PYRIDINE OR PYRIDINES)
L7        2485 L6 AND PYRIDINE

=> file caplus
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=> s l7
L8       28921 L7

=> s l8 and agr/rl
        123657 AGR/RL
L9         226 L8 AND AGR/RL

=> d scan

L9    226 ANSWERS   CAPLUS  COPYRIGHT 2008 ACS on STN
IC   ICM  A01N043-86
     ICS  C07D265-06
INCL 504223000
CC   5-3 (Agrochemical Bioregulators)
TI   Preparation of 1,3-oxazin-4-one derivatives as herbicides
ST   oxazinone deriv herbicide prepn
IT   Herbicides
       (preparation of herbicidal 1,3-oxazin-4-one derivs.)
IT   192712-69-9P   192713-50-1P   192714-35-5P   263365-74-8P   263366-30-9P
     263366-32-1P   263366-33-2P   263366-34-3P   263366-35-4P   263366-36-5P
     263366-37-6P   263366-38-7P   263366-39-8P   263366-40-1P   263366-41-2P
     263366-42-3P   263366-43-4P   263366-44-5P   263366-45-6P   263368-39-4P
     263368-40-7P   263368-41-8P   311806-59-4P   311806-61-8P   311806-64-1P
     RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT
     (Reactant or reagent)
       (intermediate in preparation of herbicidal 1,3-oxazin-4-one derivs.)
IT   263365-88-4P   263365-91-9P   263365-92-0P   263365-96-4P
     RL: AGR (Agricultural use); RCT (Reactant); SPN (Synthetic
     preparation); BIOL (Biological study); PREP (Preparation); RACT (Reactant
     or reagent); USES (Uses)
       (preparation of herbicidal 1,3-oxazin-4-one derivs.)
IT   263365-70-4P   263365-71-5P   263365-72-6P   263365-73-7P   263365-75-9P
     263365-76-0P   263365-77-1P   263365-78-2P   263365-81-7P   263365-82-8P
     263365-83-9P   263365-84-0P   263365-85-1P   263365-87-3P   263365-89-5P
     263365-90-8P   263365-93-1P   263365-94-2P   263365-95-3P   263365-97-5P
     263365-98-6P   263365-99-7P   263366-01-4P   263366-03-6P   263366-06-9P
     263366-07-0P   263366-09-2P   263366-10-5P   263366-11-6P   263366-12-7P
     263366-13-8P   263366-15-0P   263366-16-1P   263366-17-2P   263366-18-3P
     263366-19-4P   263366-20-7P   263366-21-8P   263366-22-9P   263366-24-1P
     263366-25-2P   263366-26-3P   263366-27-4P   263366-28-5P   263366-29-6P
     263368-38-3P   311806-55-0P   311806-56-1P   311806-57-2P   311806-58-3P
     311806-60-7P   311806-62-9P   311806-63-0P   311806-65-2P   311806-66-3P
```

RL: AGR (Agricultural use); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of herbicidal 1,3-oxazin-4-one derivs.)
IT 263366-08-1P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation of herbicidal 1,3-oxazin-4-one derivs.)
IT 192714-16-2P 192714-42-4P
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of herbicidal 1,3-oxazin-4-one derivs.)
IT 91679-50-4DP, 4H-1,3-Oxazin-4-one, derivs.
RL: AGR (Agricultural use); RCT (Reactant); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent); USES (Uses)
(preparation of herbicidal derivs.)
IT 67-68-5, Dimethylsulphoxide, reactions 74-88-4, Iodomethane, reactions 75-08-1, Ethanethiol 75-11-6, Diiodomethane 75-36-5, Acetyl chloride 76-05-1, Trifluoroacetic acid, reactions 79-22-1, Methyl chloroformate 79-37-8, Oxalyl chloride 92-66-0, 4-Bromobiphenyl 94-36-0, Benzoyl peroxide, reactions 98-03-3, 2-Thiophenecarboxaldehyde 98-59-9, p-Toluenesulphonyl chloride 104-15-4, 4-Toluenesulfonic acid, reactions 106-93-4, 1,2-Dibromoethane 110-86-1, Pyridine, reactions 110-89-4, Piperidine, reactions 127-09-3, Sodium acetate 128-08-5, N-Bromosuccinimide 128-09-6, N-Chlorosuccinimide 461-96-1, 3,5-Difluorobromobenzene 530-62-1 541-41-3, Ethyl chloroformate 542-92-7, Cyclopentadiene, reactions 557-20-0, Diethyl zinc 584-08-7, Potassium carbonate 594-02-5, 1,1-Diiodoethane 628-21-7, 1,4-Diiodobutane 811-49-4, Ethyl lithium 920-39-8, Isopropyl magnesium bromide 1071-46-1, Monoethyl malonate 1192-04-7, 1-Bromocyclopent-1-ene 1333-74-0, Hydrogen, reactions 1476-11-5, cis-1,4-Dichloro-2-butene 1521-51-3, 1-Bromocyclohex-2-ene 3586-12-7, 3-Phenoxyaniline 4039-32-1, Lithium bis(trimethylsilyl)amide 5162-44-7, 4-Bromobut-1-ene 7439-95-4, Magnesium, reactions 7529-22-8, 4-Methylmorpholine N-oxide 7580-67-8, Lithium hydride 7646-69-7, Sodium hydride 7647-01-0, Hydrochloric acid, reactions 10035-10-6, Hydrogen bromide, reactions 12125-02-9, Ammonium chloride, reactions 16853-85-3, Lithium aluminum hydride 16971-29-2, Borohydride 20816-12-0, Osmium tetroxide 22560-16-3, Lithium triethylborohydride 26299-14-9, Pyridinium chlorochromate 30194-53-7, Ethyl 2-(2-methoxyphenyl)acetoacetate 69543-15-3 107264-00-6, N-Fluoro-2,4,6-trimethylpyridinium triflate 114615-82-6, Tetrapropylammonium perruthenate 170855-23-9 170855-25-1 187104-11-6 192712-79-1 192713-74-9 192713-80-7 263366-00-3 263368-37-2 311806-54-9
RL: RCT (Reactant); RACT (Reactant or reagent)
(reagent in preparation of herbicidal 1,3-oxazin-4-one derivs.)

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

L9 226 ANSWERS CAPLUS COPYRIGHT 2008 ACS on STN
IC ICM C05C009-00
ICS C05G003-08
CC 19-6 (Fertilizers, Soils, and Plant Nutrition)
Section cross-reference(s): 7
TI Urea-containing fertilizer with urease inhibitors
ST urease inhibitor urea fertilizer
IT Fertilizers

RL: PROC (Process)
(urea, containing urease inhibitors, manufacture of)
IT 52-51-7 24403-04-1
RL: BIOL (Biological study)
(as urease inhibitor, for urea fertilizers)
IT 9002-13-5
RL: BIOL (Biological study)
(urea fertilizers containing, manufacture of)
IT 113-48-4 623-59-6 1083-85-8 2289-70-5 2939-94-8 2939-97-1 4602-38-4 6675-28-1 6950-81-8 7027-11-4 10223-00-4 14225-53-7 14527-05-0 14548-57-3 19281-35-7 19954-13-3 20154-10-3 22527-73-7 22632-04-8 22871-21-2 22916-80-9 23279-12-1 25726-97-0 27419-51-8 32358-55-7 32818-72-7 32899-85-7 38101-43-8 40972-58-5 41251-13-2 52718-75-9 63765-74-2 78632-30-1 83714-43-6 87457-08-7 95251-72-2 95525-05-6 95525-06-7 95525-07-8 95525-08-9 95525-09-0 95525-10-3 95525-11-4 95525-12-5 95525-14-7 95525-15-8 95525-16-9 95525-17-0 95525-18-1 95525-19-2 95525-20-5 95525-21-6 95525-22-7 95525-23-8 95525-24-9 95525-25-0 95525-26-1 95525-27-2 95525-28-3 95525-29-4 95525-30-7 95525-31-8 95525-32-9 95525-33-0 95525-34-1 95525-35-2 95525-36-3 95525-37-4 95525-38-5 95525-39-6 95525-40-9 95525-41-0 95525-42-1 95525-43-2 95525-44-3 95525-46-5 95525-47-6 95525-48-7 95525-49-8 95525-50-1 95525-51-2 95525-52-3 95525-53-4 95525-54-5 95525-55-6 95525-56-7 95525-57-8 95525-58-9 95525-59-0 95525-60-3 95538-15-1
RL: AGR (Agricultural use); BIOL (Biological study); USES (Uses)
(urease inhibitor, for urea fertilizers)

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

L9 226 ANSWERS CAPLUS COPYRIGHT 2008 ACS on STN
IC ICM C07D401-04
ICS C07D413-14; A01N043-76; A01N043-66
CC 28-19 (Heterocyclic Compounds (More Than One Hetero Atom))
Section cross-reference(s): 5
TI Preparation of fungicidal 4-(2-aminopyridin-4-yl)-N-phenyl-1,3,5-triazin-2-amine derivatives
ST fungicide agrochem aminopyridinylphenyltriazinamine prepn; triazinamine aminopyridinyl phenyl prepn fungicide agrochem
IT Fungicides
(agrochem.; preparation of fungicidal 4-(2-aminopyridin-4-yl)-N-phenyl-1,3,5-triazin-2-amines)
IT 768388-43-8P 768388-44-9P 850013-54-6P 850013-55-7P 850013-56-8P 850013-57-9P 850013-58-0P 850013-59-1P 850013-60-4P
RL: AGR (Agricultural use); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of fungicidal 4-(2-aminopyridin-4-yl)-N-phenyl-1,3,5-triazin-2-amines)
IT 95-51-2, 2-Chloroaniline 110-89-4, Piperidine, reactions 6168-72-5, 2-Aminopropan-1-ol 37143-54-7, 1-Methoxypropan-2-amine 333737-06-7
RL: RCT (Reactant); RACT (Reactant or reagent)
(preparation of fungicidal 4-(2-aminopyridin-4-yl)-N-phenyl-1,3,5-triazin-2-

amines)
IT 16112-59-7P 652153-37-2P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation of fungicidal 4-(2-aminopyridin-4-yl)-N-phenyl-1,3,5-triazin-2-amines)

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

L9 226 ANSWERS CAPLUS COPYRIGHT 2008 ACS on STN
IC ICM C07D207-34
ICS C07D401-12; C07D405-12; C07D409-12; A01N043-36
CC 27-10 (Heterocyclic Compounds (One Hetero Atom))
Section cross-reference(s): 5
TI Preparation of N-substituted 3-cyano-4-phenylpyrroles as pesticides
ST cyanophenylpyrrole prepn pesticide fungicide; pyrrole cyanophenyl prepn fungicide
IT Pesticides
(cyanophenylpyrroles)
IT Fungicides and Fungistats
(agrochem., cyanophenylpyrroles)
IT 108-24-7, Acetic anhydride 541-41-3, Ethyl chloroformate
RL: RCT (Reactant); RACT (Reactant or reagent)
(acylation by, of pyrrole derivative, in preparation of fungicides)
IT 50-00-0, Formaldehyde, reactions
RL: RCT (Reactant); RACT (Reactant or reagent)
(aminomethylation by amines and, of pyrrole derivative, in preparation of fungicides)
IT 111-49-9, Hexahydroazepine 694-05-3 7179-86-4
RL: RCT (Reactant); RACT (Reactant or reagent)
(aminomethylation by formaldehyde and, of pyrrole derivative, in preparation of
fungicides)
IT 132945-19-8
RL: RCT (Reactant); RACT (Reactant or reagent)
(aminomethylation or acylation of, in preparation of fungicides)
IT 136322-92-4P 136322-93-5P 136322-94-6P 136322-95-7P 136322-96-8P
136322-97-9P 136322-98-0P
RL: AGR (Agricultural use); BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of, as agrochem. fungicide)

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):0

=> s red mite
431350 RED
533 REDS
431622 RED
(RED OR REDS)
9312 MITE
6784 MITES
12288 MITE
(MITE OR MITES)
L10 832 RED MITE

(RED(W)MITE)

=> s army worm
4213 ARMY
70 ARMIES
4266 ARMY
(ARMY OR ARMIES)
13963 WORM
9201 WORMS
20451 WORM
(WORM OR WORMS)
L11 311 ARMY WORM
(ARMY(W)WORM)

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several answer numbers, Example: 3,7,10
a range of answer numbers, Example: 5-10
or a combination of these. Example: 3,7,9-10,15
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ICI ----- Index (Complementary) IPC
ICM ----- Main IPC
ICS ----- Secondary IPC
IN ------ Inventor Name
ISN ----- International Standard (Document) Number
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IPC ----- International Patent Classifications
IT ------ Index Entries
JT ------ Journal Title

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OS ------ Other Source
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PATS----- Patent Numbers
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PCS ----- Patent Countries
PD ------ Publication Date
PI ------ Patent Information
PK ------ Kind of Patent
PN ------ Patent Number
PRAI ---- Patent Priority Information
PRC ----- Patent Priority Country
PRD ----- Patent Priority Date
PRN ----- Patent Priority Number
PRY ----- Patent Priority Year
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RAU ----- Reference Author
RWK ----- Reference Work
RPG ----- Reference Page Number
RPN ----- Reference Patent Number
RPY ----- Reference Publication Year
RVL ----- Reference Publication Volume
RL ------ Roles
RN ------ CAS Registry Number
SO ------ Source
ST ------ Supplementary Terms (CA Keywords)
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     FILE 'REGISTRY' ENTERED AT 18:47:19 ON 12 MAR 2008
L1              STRUCTURE UPLOADED
L2              QUE L1
L3           12 S L1
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L4          672 S L1 FULL

     FILE 'CAPLUS' ENTERED AT 18:49:39 ON 12 MAR 2008
L5           38 S L4

     FILE 'HOME' ENTERED AT 18:51:01 ON 12 MAR 2008

     FILE 'STNGUIDE' ENTERED AT 18:51:04 ON 12 MAR 2008

     FILE 'REGISTRY' ENTERED AT 18:59:22 ON 12 MAR 2008
L6       508978 S PIPERIDINE
L7         2485 S L6 AND PYRIDINE

     FILE 'CAPLUS' ENTERED AT 18:59:48 ON 12 MAR 2008
L8        28921 S L7
L9          226 S L8 AND AGR/RL
L10         832 S RED MITE
L11         311 S ARMY WORM
L12         ANALYZE L11 311 DT :       1 TERM

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         54408 KILLED
L13         16 L11 AND KILLED

=> d scan

L13   16 ANSWERS   CAPLUS  COPYRIGHT 2008 ACS on STN
IC   A01N
INCL 424285000
CC   27-6 (Heterocyclic Compounds (One Hetero Atom))
     Section cross-reference(s): 5
TI   Fungicidal furancarboxamides
ST   furancarboxamide hydroxy phenyl pesticide; pesticide
     phenylhydroxyfurancarboxamide; fungicide phenylhydroxyfurancarboxamide;
     herbicide phenylhydroxyfurancarboxamide; nematocide
     phenylhydroxyfurancarboxamide; insecticide phenylhydroxyfurancarboxamide;
     miticide phenylhydroxyfurancarboxamide
IT   Acaricides
     Fungicides and Fungistats
     Herbicides
     Insecticides
     Nematocides
        (phenylhydroxyfurancarboxamides)
IT   29556-16-9P   51639-68-0P   51639-69-1P   51639-70-4P   51639-71-5P
     51639-72-6P   51639-73-7P   51639-74-8P   51639-75-9P   51639-76-0P
     51639-77-1P   51639-78-2P   51639-79-3P   51639-80-6P   51639-81-7P
     51639-82-8P   51639-83-9P   51639-84-0P   51639-85-1P   51639-86-2P
     51639-87-3P   51639-88-4P   51639-89-5P   51639-90-8P   51639-91-9P
     RL: SPN (Synthetic preparation); PREP (Preparation)
        (preparation of)
IT   623-10-9   823-86-9   3096-63-7   6418-00-4   10468-17-4   10468-46-9
     16152-53-7   16169-16-7   33175-34-7   34634-76-9   43192-03-6
     43192-07-0
     RL: RCT (Reactant); RACT (Reactant or reagent)
        (reaction of, with 2-furoyl chlorides)
IT   527-69-5   14003-11-3   25084-14-4   26726-16-9   51639-92-0
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RL: RCT (Reactant); RACT (Reactant or reagent)
(reaction of, with phenylhydroxylamines)

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

L13 16 ANSWERS CAPLUS COPYRIGHT 2008 ACS on STN
CC 4 (Toxicology)
TI Properties of a viral factor toxic to the parasitoid, Apanteles militaris
ST armyworm toxin Apanteles; virus toxin armyworm
IT Virus, animal
(armyworms infected with, toxic substances of, Apanteles militaris in relation to)
IT Proteins
RL: BIOL (Biological study)
(of virus-infected armyworms, Apanteles militaris in relation to)
IT Apanteles militaris
(toxic substances of virus-infected armyworms effect on)
IT Pseudaletia unipuncta
(virus-infected, toxic substances of, Apanteles militaris in relation to)

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

L13 16 ANSWERS CAPLUS COPYRIGHT 2008 ACS on STN
CC 15A (Pesticides and Crop-Control Agents)
TI 2-Selenocyanoethyl cinnamate and its use as pesticide
IT Insecticides
Pesticides
(2-selenocyanoethyl cinnamate)
IT Weed control
(2-selenocyanoethyl cinnamate for)
IT Sitophilus oryza and (or) Rice weevil
(2-selenocyanoethyl cinnamate for control of)
IT Aphis fabae and(or) Bean aphid
Poison ivy
Red spider mites
(control of, by 2-selenocyanoethyl cinnamate)
IT Ethanol, 2-selenocyanato-, cinnamate
RL: PREP (Preparation)
IT 823-04-1
(Derived from data in the 6th Collective Formula Index (1957-1961))
IT 85997-21-3P, Selenocyanic acid, 2-hydroxyethyl ester, cinnamate
117900-10-4P, Cinnamic acid, ester with 2-hydroxyethyl selenocyanate
RL: PREP (Preparation)
(preparation of)

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

L13 16 ANSWERS CAPLUS COPYRIGHT 2008 ACS on STN
CC 15A (Pesticides and Crop-Control Agents)
TI 3-Chloro-2,3-dihydrobenzofuran-2-thiol S-(O,O-dialkyl phosphorodithioate)
IT Insecticides
(3-chloro-2,3-dihydrobenzofuran-2-thiol S-(O,O-dialkyl phosphorodithioate))
IT Macrosiphum pisi and(or) Pea aphid
Prodenia eridania and(or) Southern armyworm

(control of, phosphorodithioates for)
IT Tetranychus telarius and(or) Two-spotted spider mite
Tetranychus telarius and(or) Two-spotted spider mite
(phosphorodithioates for control of)
IT 15834-33-0, Phosphorodithioic acid
(O,O-dialkyl S-(3-chloro-2,3-dihydro-2-benzofuranyl) esters, insecticides)
IT 873994-15-1, 2-Benzofuranthiol, 3-chloro-2,3-dihydro-
(S-ester with O,O-dialkyl phosphorodithioates, insecticides)

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

L13 16 ANSWERS CAPLUS COPYRIGHT 2008 ACS on STN
CC 15 (Soils, Fertilizers, and Agricultural Poisons)
TI How to combat Laphygma exigua (Hbn.) (Lepid. Noct.)
IT Tomatoes
(beet army worm control on)
IT Laphygma exigus and(or) Beet armyworm
(control of)
IT Baits
Insecticides
(for beet army worm)

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

L13 16 ANSWERS CAPLUS COPYRIGHT 2008 ACS on STN
IC ICM C07C123-00
ICS A01N047-42; A01N047-44; C07C149-24; C07D231-12; C07D231-16; C07D233-61; C07D235-04; C07D249-08
ICA C07C157-12; C07D249-20
CC 5-4 (Agrochemical Bioregulators)
Section cross-reference(s): 25
TI Preparation of carboxyamidine derivative insecticides
ST carboxyamindine insecticide prepn
IT Insecticides
(carboxyamidine derivs., preparation of)
IT 106448-23-1P 107227-76-9P 107236-58-8P 107236-59-9P 107236-60-2P
107236-61-3P 107236-62-4P 107236-63-5P 107236-64-6P 107236-65-7P
107236-66-8P 107236-67-9P 107236-68-0P 107236-69-1P 107236-70-4P
107236-71-5P 107236-72-6P 107236-73-7P 107236-74-8P 107236-75-9P
107236-76-0P 107236-77-1P 107236-78-2P 107236-79-3P 107236-80-6P
107236-81-7P 107236-82-8P 107236-83-9P 107236-84-0P 107236-85-1P
107236-86-2P 107236-87-3P 107236-88-4P 107236-89-5P 107236-90-8P
107236-91-9P 107236-92-0P 107236-93-1P 107236-94-2P 107236-95-3P
107236-96-4P 107236-97-5P 107236-98-6P 107236-99-7P 107237-00-3P
107237-01-4P 107237-02-5P 107237-03-6P 107237-04-7P 107237-05-8P
107237-06-9P 107237-07-0P 107237-08-1P 107237-09-2P 107237-10-5P
107237-11-6P 107237-12-7P 107237-13-8P 107237-14-9P 107237-15-0P
107237-16-1P 107237-17-2P 107237-18-3P 107237-19-4P 107237-20-7P
107237-21-8P 107237-22-9P 107237-23-0P 107237-24-1P 107237-25-2P
107237-26-3P 107237-27-4P 107237-28-5P 107237-29-6P 107237-30-9P
107237-31-0P 107237-32-1P 107237-33-2P 107237-34-3P 107237-35-4P
107237-36-5P 107237-37-6P 107237-38-7P 107237-39-8P 107237-40-1P
107237-41-2P 107237-42-3P 107237-43-4P 107237-44-5P 107237-45-6P
107237-46-7P 107237-47-8P 107237-48-9P 107237-50-3P 107237-51-4P
107237-52-5P 107237-53-6P 107237-54-7P 107237-55-8P 107237-56-9P

107237-57-0P 107237-58-1P 107237-59-2P 107237-60-5P 107237-61-6P
107237-62-7P 107237-63-8P 107237-64-9P 107237-65-0P 107237-66-1P
107237-67-2P 107237-68-3P 107237-69-4P 107237-70-7P 107237-71-8P
107237-72-9P 107237-73-0P 107237-74-1P 107237-75-2P 107237-76-3P
107237-77-4P 107237-78-5P 107237-79-6P 107237-80-9P 107237-81-0P
107237-82-1P 107237-83-2P 107237-84-3P 107237-85-4P 107237-86-5P
107237-87-6P 107237-88-7P 107237-89-8P 107237-90-1P 107237-91-2P
107237-92-3P 107237-93-4P 107237-94-5P 107237-95-6P 107237-96-7P
107237-97-8P 107237-98-9P 107237-99-0P 107238-00-6P 107238-01-7P
107238-02-8P 107238-03-9P 107238-04-0P 107238-05-1P 107238-06-2P
107238-08-4P 107238-09-5P 107238-10-8P 107238-11-9P 107238-12-0P
107238-13-1P 107244-45-1P 107250-42-0P 107250-43-1P 107250-44-2P
107250-45-3P 107250-46-4P 107250-47-5P 107250-48-6P 107250-49-7P
107250-50-0P 107253-45-2P 107253-46-3P 107253-47-4P 107253-52-1P
107253-53-2P 107253-54-3P 107253-55-4P 107253-56-5P 107253-57-6P
107253-58-7P 107253-59-8P 107253-60-1P 107283-83-0P 107284-92-4P
RL: AGR (Agricultural use); BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of, as insecticide)

IT 103995-51-3
RL: RCT (Reactant); RACT (Reactant or reagent)
(reaction of, with azoles)

IT 288-13-1, Pyrazole 288-32-4, Imidazole, reactions 288-88-0
42839-23-6
RL: RCT (Reactant); RACT (Reactant or reagent)
(reaction of, with dichloro(trifluoromethylphenyl)difluorobenzoylthiourea)

IT 107238-07-3
RL: RCT (Reactant); RACT (Reactant or reagent)
(reaction of, with imidazole)

IT 107236-85-1
RL: RCT (Reactant); RACT (Reactant or reagent)
(reaction of, with sodium methylate)

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

L13 16 ANSWERS CAPLUS COPYRIGHT 2008 ACS on STN
IC C08G
INCL 260078000A
CC 36 (Plastics Manufacture and Processing)
Section cross-reference(s): 5
TI Polymers of L-amino acid derivatives of S-(substituted benzyl) compounds
ST cysteine deriv polymer; amino acid resolution; herbicide cysteine deriv; insecticide cysteine deriv
IT Herbicides
Insecticides
((vinylbenzyl)cysteine)

IT Resolution
(of amine derivs., by cysteine derivative polymers)

IT Benzene, ethenyl-, homopolymer, chloromethylated, reaction products with L-cysteine
RL: USES (Uses)
(resolution by, of amine derivs.)

IT Benzene, diethenyl-, polymer with (chloromethyl)ethenylbenzene, reaction products with dimethyl sulfide and L-cysteine

RL: USES (Uses)
(resolving agents and pesticides)

IT 34568-39-3P 36497-69-5P
RL: PREP (Preparation)
(preparation of)

IT 9074-69-5D, Sulfonium, [(ethenylphenyl)methyl]dimethyl-, chloride, homopolymer, chloromethylated, reaction products with L-cysteine
9074-71-9
RL: USES (Uses)
(resolution by, of amine derivs.)

IT 59-51-8 618-36-0
RL: PROC (Process)
(resolution of, by cysteine derivative polymers)

IT 52-90-4D, L-Cysteine, reaction products with chloromethylated polymers
75-18-3D, Methane, thiobis-, reaction products with L-cysteine and divinylbenzene-vinylbenzyl chloride polymers 9036-15-1D, Benzene, (chloromethyl)ethenyl-, polymer with diethenylbenzene, reaction products with dimethyl sulfide and L-cysteine
RL: USES (Uses)
(resolving agents and pesticides)

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

L13 16 ANSWERS CAPLUS COPYRIGHT 2008 ACS on STN
IC C07F
CC 39 (Organometallic and Organometalloidal Compounds)
TI Biologically active S-(10-phenoxarsinyl)esters
IT Pesticides
(S-10-phenoxarsinyl esters as)

IT Benzoic acid, p-(pentyloxy)thio-
Benzoic acid, p-butoxythio-
Benzoic acid, p-ethoxythio-
o-Anisic acid, thio-
(S-10-phenoxarsinyl derivative)

IT 17148-96-8, Oxalic acid, 1,2-dithio-
(phenoxarsinyl derivative)

IT 7393-59-1P, Phenoxarsine, 10-(acetylthio)- 7393-60-4P, Phenoxarsine, 10-(propionylthio)- 7393-61-5P, Phenoxarsine, 10-(isobutyrylthio)- 7393-62-6P, Phenoxarsine, 10-(nonanoylthio)- 7393-64-8P, Phenoxarsine, 10-[(3-cyclohexylpropionyl)thio]- 7393-65-9P, Phenoxarsine, 10-[(phenylacetyl)thio]- 7393-66-0P, Phenoxarsine, 10-[(phenoxyacetyl)thio]- 7393-70-6P, Phenoxarsine, 10-[(p-butoxybenzoyl)thio]- 7393-71-7P, Phenoxarsine, 10-[[p-(pentyloxy)benzoyl]thio]- 7393-72-8P, Phenoxarsine, 10-[(3,4,5-triethoxybenzoyl)thio]- 7393-81-9P, Phenoxarsine, 10-[(thiocarboxy)thio]-, O-cyclohexyl ester 7393-84-2P, Phenoxarsine, 10-[(thiocarboxy)thio]-, O-allyl ester 7441-96-5P, Phenoxarsine, 10-(butyrylthio)- 7441-98-7P, Phenoxarsine, 10,10'-(oxalyldithio)di- 10336-73-9P, Phenoxarsine, 10-[(thiocarboxy)thio]-, O-octyl ester 10336-78-4P, Phenoxarsine, 10-[(3,4,5-trimethoxybenzoyl)thio]- 10537-17-4P, Phenoxarsine, 10-(p-anisoylthio)- 99689-86-8P, Phenoxarsine, 10-[[(2,4-dichlorophenoxy)acetyl]thio]- 99812-73-4P, Phenoxarsine, 10-(octanoylthio)- 100022-96-6P, Phenoxarsine, 10-[(3,5-dimethoxybenzoyl)thio]- 100022-97-7P, Phenoxarsine, 10-[(p-ethoxybenzoyl)thio]- 100027-13-2P, Phenoxarsine, 10-(o-anisoylthio)- 100338-48-5P, Phenoxarsine, 10-(valerylthio)- 100411-31-2P,

Phenoxarsine, 10-(decanoylthio)- 101014-37-3P, Phenoxarsine, 10-[[(p-ethoxyphenoxy)acetyl]thio]- 103349-97-9P, Phenoxarsine, 10-(lauroylthio)- 106682-85-3P, Phenoxarsine, 10-(heptanoylthio)-
RL: PREP (Preparation)
(preparation of)
IT 103-04-8, Acetic acid, phenylthio- 507-09-5, Acetic acid, thio- 1892-31-5, Propionic acid, thio- 3931-64-4, Butyric acid, thio- 6253-37-8, Xanthic acid, octyl- 6279-44-3, p-Anisic acid, thio- 6790-94-9, Xanthic acid, allyl- 6791-03-3, Xanthic acid, cyclohexyl- 7530-92-9, Octanethioic acid 24304-33-4, Dodecanoic acid, thio- 26206-66-6, Decanetbioic acid 44296-44-8, Propionic acid, 2-methylthio- 53966-59-9, Valeric acid, thio- 55561-03-0, Heptanethioic acid 62167-01-5, Acetic acid, phenoxythio- 101580-77-2, Acetic acid, (2,4-dichlorophenoxy)thio- 106509-25-5, Nonanethioic acid 856306-54-2, Benzoic acid, 3,5-dimethoxythio- 875824-49-0, Cyclohexanepropionic acid, thio- 875831-78-0, Benzoic acid, 3,4,5-triethoxythio- 875832-52-3, Acetic acid, (p-ethoxyphenoxy)thio-
(S-10-phenoxarsinyl derivative)

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

L13 16 ANSWERS CAPLUS COPYRIGHT 2008 ACS on STN
CC 15A (Pesticides and Crop-Control Agents)
TI Parasiticide
IT Insecticides
(chlorinated pyrene)
IT Tetranychus telarius and(or) Two-spotted spider mite
(control of, by chlorinated pyrene)
IT Prodenia eridania and(or) Southern armyworm
(control of, chlorinated pyrene for)
IT Cranberries
(two-spotted-spider-mite control on, with chlorinated pyrene)
IT 129-00-0, Pyrene
(chloro derivs., parasiticides)

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

L13 16 ANSWERS CAPLUS COPYRIGHT 2008 ACS on STN
CC 10 (Organic Chemistry)
TI O-Methoxyphenyl O-alkyl amidothiophosphates
IT Phenols
(halogenated, phosphoramidothionates)
IT Insecticides
(O-methoxyphenyl phosphoramidothioates)
IT Fungicides or Fungistats
(O-methoxyphenyl phosphoramidothionates)
IT Phenol, m-methoxy-, phosphoramidothioates
Phenol, p-methoxy-, phosphoramidothioates
Phosphoramidothioic acid, O-methoxyphenyl esters
Phosphoramidothioic acid, dodecyl-, O-methoxyphenyl esters
RL: PREP (Preparation)
IT 109818-37-3P, Phosphoramidothioic acid, ethyl-, O-p-methoxyphenyl O-Me ester 872814-17-0P, Phosphoramidothioic acid, diethyl-, O-methoxyphenyl ester 872814-18-1P, Phosphoramidothioic acid, di-sec-butyl-, O-butyl O-m-methoxyphenyl ester 872814-19-2P, Phosphoramidothioic acid, decyl-, O-butyl O-p-methoxyphenyl ester 872814-20-5P, Phosphoramidothioic acid,

butyl-, O-ethyl O-p-methoxyphenyl ester 874531-56-3P, Guaiacol, phosphoramidothioate 875228-85-6P, Phosphoramidothioic acid, hexyl-, O-ethyl O-o-methoxyphenyl ester
RL: PREP (Preparation)
(preparation of)

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

L13 16 ANSWERS CAPLUS COPYRIGHT 2008 ACS on STN
CC 15 (Soils, Fertilizers, and Agricultural Poisons)
TI Effects of some ingested insecticides on the midgut wall of the southern armyworm larva
IT Prodenia eridania and(or) Southern armyworm
(effect of insecticides on midgut wall of)
IT Insecticides
(effect on midgut wall of southern army worm larva)

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

L13 16 ANSWERS CAPLUS COPYRIGHT 2008 ACS on STN
IC C07D; C07F
INCL 260309500
CC 28-10 (Heterocyclic Compounds (More Than One Hetero Atom))
Section cross-reference(s): 5
TI Insecticidal O,O-di(C1-2-alkyl)-S-[1-(C2-20-acyl)hydantoin-3-yl]methyl phosphorothioates
ST hydantoin phosphorothioate insecticidal
IT Insecticides
(hydantoinyl methyl phosphorothioates)
IT 25046-09-7 25046-10-0 25046-11-1 25046-13-3 25046-14-4 25046-15-5 33093-68-4 38986-62-8 38986-63-9 38986-65-1 38986-66-2 38986-69-5 38986-70-8 38986-72-0 38986-73-1 38986-76-4 38986-77-5 38986-78-6 38986-79-7
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); BIOL (Biological study)
(insecticidal activity of)
IT 38986-74-2P 38986-80-0P 38986-81-1P 38986-82-2P
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of)

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

L13 16 ANSWERS CAPLUS COPYRIGHT 2008 ACS on STN
INCL 260429700
CC 19 (Pesticides)
TI Toxic organotin borates
ST ORGANOTIN BORATE PESTICIDE; BORATE ORGANOTIN PESTICIDE; PESTICIDE ORGANOTIN BORATE
IT Aspergillus niger
Staphylococcus aureus
(control by tin borates)
IT Pythium ultimum
Rhizoctonia solani
Salmonella typhosa
(control by tris(tripropyltin)borate)
IT Contrachelus nenuphar

(control of adults by tris(tributyltin)borate)
IT Prodenia eridania
(control of larvea by tris(tripropyltin)borate and tris(tributytin)borate)
IT Venturia inaequalis
(ingibition by tris(triphenyltin)borate and tris(tripropyltin)borate)
IT Herbicides
Pesticides
(tin borates as)
IT Mosquitoes
(yellow fever, control of larvae by tris(triphenyltin)borate)
IT Compound b0.2175-80.deg.
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of)
IT 7040-90-6 7141-19-7 13437-28-0
RL: AGR (Agricultural use); BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); BIOL (Biological study); USES (Uses)
(as pesticide)
IT 7440-31-5D, Tin, compds. with boric acid
RL: BIOL (Biological study)
(as pesticides and preemergent herbicides)

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

L13 16 ANSWERS CAPLUS COPYRIGHT 2008 ACS on STN
CC 15A (Pesticides and Crop-Control Agents)
TI Control of the armyworm by three chlorinated hydrocarbon insecticides
IT Insecticides
(chlorinated hydrocarbons, for armyworm)
IT Hydrocarbons
(chloro, armyworm control by)
IT Pseudaletia unipuncta and(or) Armyworm
(control of, by chlorinated hydrocarbons)
IT 50-29-3, Ethane, 1,1,1-trichloro-2,2-bis(p-chlorophenyl)-
(armyworm control by)
IT 50-29-3, Ethane, 1,1,1-trichloro-2,2-bis(p-chlorophenyl)-
(white-lined-sphinx larvae control by)
IT 608-73-1, Cyclohexane, 1,2,3,4,5,6-hexachloro-
(Pseudaletia umipuncta control by)
IT 8001-35-2, Toxaphene
(Pseudaletia unipuncta control by)

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

L13 16 ANSWERS CAPLUS COPYRIGHT 2008 ACS on STN
CC 15A (Pesticides and Crop-Control Agents)
TI Preliminary tests of some phenol esters of butyric acid
IT Insecticides
(butyric acid esters)
IT Macrosiphum pisi and(or) Pea aphid
Oncopeltus fasciatus and(or) Large milk-weed bug
Pseudaletia unipuncta and(or) Armyworm
(control of, esters of butyric acid in)
IT 3121-70-8, 1-Naphthol, butyrate 5856-33-7, 2-Naphthol, butyrate
7476-82-6, Phenol, 2,3,4,6-tetrachloro-, butyrate 7476-83-7, Phenol,

2,4,6-tribromo-, butyrate 7476-87-1, Phenol, 4-tert-butyl-2-chloro-, butyrate 7476-88-2, Phenol, 2-bromo-4-phenyl-, butyrate 7476-90-6, Phenol, pentachloro-, butyrate 7495-14-9, Phenol, 2,4-dichloro-6-phenyl-, butyrate 24273-19-6, Phenol, 2,4-dinitro-, butyrate 29052-06-0, Phenol, p-bromo-, butyrate 63867-15-2, o-Cresol, 4,6-dinitro-, butyrate 100792-28-7, Phenol, 2-bromo-4-tert-butyl-, butyrate 202831-81-0, Phenol, p-nonyl-, butyrate 500362-01-6, p-Cresol, 2-tert-butyl-, butyrate 501356-45-2, Phenol, p-tert-butyl-, butyrate 501356-62-3, m-Cresol, 6-tert-butyl-, butyrate 501356-63-4, o-Cresol, 4-tert-butyl-, butyrate 501356-67-8, o-Cresol, 4-chloro-, butyrate
(as insecticide)
IT 32351-66-9, Phenol, 2,4-dichloro-, butyrate
(as insectide)
IT 88-06-2, Phenol, 2,4,6-trichloro- 88-69-7, Phenol, o-isopropyl- 88-75-5, Phenol, o-nitro- 95-57-8, Phenol, o-chloro- 95-95-4, Phenol, 2,4,5-trichloro- 99-89-8, Phenol, p-isopropyl- 100-02-7, Phenol, p-nitro- 106-48-9, Phenol, p-chloro- 119-42-6, Phenol, o-cyclohexyl- 123-07-9, Phenol, p-ethyl- 620-17-7, Phenol, m-ethyl- 1131-60-8, Phenol, p-cyclohexyl-
(butyrates, as insecticides)
IT 107-92-6, Butyric acid
(esters, as insecticides)

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

L13 16 ANSWERS CAPLUS COPYRIGHT 2008 ACS on STN
CC 15 (Soils, Fertilizers, and Agricultural Poisons)
TI How to combat Laphygma exigua (Hbn.) (Lepid. Noct.)
IT Tomatoes
(beet army worm control on)
IT Laphygma exigus and(or) Beet armyworm
(control of)
IT Baits
Insecticides
(for beet army worm)

ALL ANSWERS HAVE BEEN SCANNED

=> d his

(FILE 'HOME' ENTERED AT 18:47:07 ON 12 MAR 2008)

FILE 'REGISTRY' ENTERED AT 18:47:19 ON 12 MAR 2008
L1 STRUCTURE UPLOADED
L2 QUE L1
L3 12 S L1
L4 672 S L1 FULL

FILE 'CAPLUS' ENTERED AT 18:49:39 ON 12 MAR 2008
L5 38 S L4

FILE 'HOME' ENTERED AT 18:51:01 ON 12 MAR 2008

FILE 'STNGUIDE' ENTERED AT 18:51:04 ON 12 MAR 2008

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     FILE 'REGISTRY' ENTERED AT 18:59:22 ON 12 MAR 2008
L6       508978 S PIPERIDINE
L7         2485 S L6 AND PYRIDINE

     FILE 'CAPLUS' ENTERED AT 18:59:48 ON 12 MAR 2008
L8        28921 S L7
L9          226 S L8 AND AGR/RL
L10         832 S RED MITE
L11         311 S ARMY WORM
L12         ANALYZE L11 311 DT :       1 TERM
L13          16 S L11 AND KILLED

=> s l11 and piperidine
         61679 PIPERIDINE
          3632 PIPERIDINES
         62626 PIPERIDINE
                (PIPERIDINE OR PIPERIDINES)
L14          1 L11 AND PIPERIDINE

=> d scan

L14   1 ANSWERS   CAPLUS  COPYRIGHT 2008 ACS on STN
CC   15A (Pesticides and Crop-Control Agents)
TI   Pesticidal 2,2-dimercaptoacetamides
IT   Fungicides or Fungistats
       (2,2-dimercaptoacetamide esters with phosphorodithioates)
IT   Prodenia eridania and(or) Southern armyworm
       (control of, 2,2-dimercaptoacetamide esters with phosphorodithioates
       for)
IT   Cockroaches
     Epilachna varivestis and(or) Mexican bean beetle
     Macrosiphum pisi and(or) Pea aphid
     Tetranychus telarius and(or) Two-spotted spider mite
       (control of, by 2,2-dimercaptoacetamide esters with
       phosphorodithioates)
IT   Oxidation
       (in automatic control of chlorination of paper pulp)
IT   Insecticides
       (O,O-dialkyl phosphorodithioate S,S-diesters with 2,2-
       dimercaptoacetamide derivs.)
IT   Acetamide, 2,2-dimercapto-N,N-dioctyl-, S,S-diester with O,O-di-Et
       phosphorodithioate
     Acetamide, N,N-diisobutyl-2,2-dimercapto-, S,S-diester with O,O-di-Et
       phosphorodithioate
     Morpholine, 4-dimercaptoacetyl-, S,S-diester with O,O-di-Et
       phosphorodithioate
     Piperidine, 1-dimercaptoacetyl-, S,S-diester with O,O-di-Et
       phosphorodithioate
       (pesticide)
IT   Acetamide, N,N-diethyl-2,2-dimercapto-
       (S,S-diesters with O,O-dialkyl phosphorodithioates, pesticides)
IT   Acetamide, 2,2-dimercapto-N,N-dimethyl-
     Acetamide, N,N-diallyl-2,2-dimercapto-
       (S,S-diesters with O,O-dialkyl phosphorodithioates, pesticides)
IT   100116-51-6   100390-11-2   108750-04-5   109043-81-4   109262-30-8
     109310-29-4   109569-90-6   109597-49-1   109598-27-8   111415-45-3
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     111587-83-8   112271-50-8   118019-80-0   119438-54-9   124106-60-1
       (Derived from data in the 6th Collective Formula Index (1957-1961))
IT   15834-33-0, Phosphorodithioic acid
       (esters, pesticides)

ALL ANSWERS HAVE BEEN SCANNED


=> s spider mite
          7708 SPIDER
          1788 SPIDERS
          8343 SPIDER
                (SPIDER OR SPIDERS)
          9312 MITE
          6784 MITES
         12288 MITE
                (MITE OR MITES)
L15       3044 SPIDER MITE
                (SPIDER(W)MITE)

=> s l15 and piperidine
         61679 PIPERIDINE
          3632 PIPERIDINES
         62626 PIPERIDINE
                (PIPERIDINE OR PIPERIDINES)
L16         15 L15 AND PIPERIDINE

=> d scan

L16   15 ANSWERS   CAPLUS  COPYRIGHT 2008 ACS on STN
CC   5-4 (Agrochemical Bioregulators)
     Section cross-reference(s): 27
TI   Synthesis of mannich bases of 2,6-disubstituted 2H-pyran-3(6H)-ones and
     their miticidal activity
ST   pyranone Mannich base prepn miticide
IT   Acaricides
       (structure-miticidal activity relationships of pyranone Mannich bases)
IT   Molecular structure-biological activity relationship
       (acaricidal, structure-miticidal activity relationships of pyranone
       Mannich bases)
IT   50-00-0P, Formalin, preparation   110-89-4P, Piperidine,
     preparation
     RL: BMF (Bioindustrial manufacture); BIOL (Biological study); PREP
     (Preparation)
       (Mannich base preparation from pyranone and piperidine and
       formalin)
IT   67-63-0, Isopropanol, reactions
     RL: RCT (Reactant); RACT (Reactant or reagent)
       (condensation with acetyloxypyranone)
IT   157996-14-0P
     RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT
     (Reactant or reagent)
       (preparation and acetylation of)
IT   62644-58-0P
     RL: SPN (Synthetic preparation); PREP (Preparation)
       (preparation and condensation with isopropanol)
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IT 157996-15-1P
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation and conversion to Mannich base with piperidine)
IT 157996-13-9P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation and ring enlargement reaction of)
IT 67-56-1, Methanol, reactions
RL: RCT (Reactant); RACT (Reactant or reagent)
(reaction with (hydroxyheptyl)furan of)
IT 22721-97-7, 2-(1-Hydroxyheptyl)furan
RL: BIOL (Biological study)
(reaction with methanol of)
IT 157995-79-4 157995-80-7 157995-81-8 157995-82-9 157995-83-0
157995-84-1 157995-85-2 157995-86-3 157995-87-4 157995-88-5
157995-89-6 157995-90-9 157995-91-0 157995-92-1 157995-93-2
157995-94-3 157995-95-4 157995-96-5 157995-97-6 157995-98-7
157995-99-8 157996-00-4 157996-01-5 157996-02-6 157996-03-7
157996-04-8 157996-05-9 157996-06-0 157996-07-1 157996-08-2
157996-09-3 157996-10-6 157996-11-7 157996-12-8
RL: BIOL (Biological study)
(structure-miticidal activity relationships of pyranone Mannich bases)

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

L16 15 ANSWERS CAPLUS COPYRIGHT 2008 ACS on STN
CC 15A (Pesticides and Crop-Control Agents)
TI Basic phosphoric acid ester insecticides
IT Red spider mite
(basic thiophosphoric acid esters for control of)
IT Aphids
(control of, with basic thiophosphoric acid esters)
IT Insecticides
(phosphorothioates)
IT 1-Piperidine ethanol, O-ester with O,O-di-Et phosphorothioate
(insecticide)
IT 13598-51-1, Phosphorothioic acid
(esters (basic), insecticides)
IT 15834-33-0, Phosphorodithioic acid
(esters, insecticides of basic)
IT 23713-11-3, Ethanethiol, 2-diethylamino-, S-ester with O,O-di-Et phosphorodithioate 93375-37-2, Ethanol, 2-dimethylamino-, O-ester with O,O-di-Et phosphorothioate 108753-96-4, 1-Piperidine ethanethiol, S-ester with O,O-di-Et phosphorodithioate 857383-74-5, 1-Piperidinepropanethiol, S-ester with O,O-di-Et phosphorodithioate 860705-52-8, 1-Butanol, 4-diethylamino-, O-ester with O,O-di-Et phosphorothioate
(insecticide)
IT 108-02-1P, Ethanethiol, 2-dimethylamino-, esters, with O,O-di-Et phosphorodithioate 5823-21-2P, Ethanol, 2-diethylamino-, O-ester with O,O-di-Et phosphorothioate 110439-08-2P, 4-Morpholine ethanethiol, S-ester with O,O-di-Et phosphorodithioate
RL: PREP (Preparation)
(preparation of)

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

L16 15 ANSWERS CAPLUS COPYRIGHT 2008 ACS on STN
CC 29-7 (Organometallic and Organometalloidal Compounds)
Section cross-reference(s): 5
TI Phosphorus-Containing Esters of Anabasine and Piperidine
ST phosphorus contg ester anabasine piperidine prepn miticide carbophos mixt
IT Tetranychus urticae
(Koch; preparation and potentiating effect in carbophos mixts. on acaricidal activity of phosphorus-containing esters of anabasine and piperidine toward spider mites)
IT Acaricides
(preparation and potentiating effect in carbophos mixts. on acaricidal activity of phosphorus-containing esters of anabasine and piperidine toward spider mites)
IT 141097-31-6P 169211-65-8P
RL: AGR (Agricultural use); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation and potentiating effect in carbophos mixts. on acaricidal activity of phosphorus-containing esters of anabasine and piperidine toward spider mites)
IT 18687-51-9 53121-61-2 66383-89-9
RL: RCT (Reactant); RACT (Reactant or reagent)
(preparation and potentiating effect in carbophos mixts. on acaricidal activity of phosphorus-containing esters of anabasine and piperidine toward spider mites)

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

L16 15 ANSWERS CAPLUS COPYRIGHT 2008 ACS on STN
CC 15A (Pesticides and Crop-Control Agents)
TI Pesticidal 2,2-dimercaptoacetamides
IT Fungicides or Fungistats
(2,2-dimercaptoacetamide esters with phosphorodithioates)
IT Prodenia eridania and(or) Southern armyworm
(control of, 2,2-dimercaptoacetamide esters with phosphorodithioates for)
IT Cockroaches
Epilachna varivestis and(or) Mexican bean beetle
Macrosiphum pisi and(or) Pea aphid
Tetranychus telarius and(or) Two-spotted spider mite
(control of, by 2,2-dimercaptoacetamide esters with phosphorodithioates)
IT Oxidation
(in automatic control of chlorination of paper pulp)
IT Insecticides
(O,O-dialkyl phosphorodithioate S,S-diesters with 2,2-dimercaptoacetamide derivs.)
IT Acetamide, 2,2-dimercapto-N,N-dioctyl-, S,S-diester with O,O-di-Et phosphorodithioate
Acetamide, N,N-diisobutyl-2,2-dimercapto-, S,S-diester with O,O-di-Et phosphorodithioate
Morpholine, 4-dimercaptoacetyl-, S,S-diester with O,O-di-Et phosphorodithioate
Piperidine, 1-dimercaptoacetyl-, S,S-diester with O,O-di-Et phosphorodithioate

(pesticide)
IT Acetamide, N,N-diethyl-2,2-dimercapto-
(S,S-diesters with O,O-dialkyl phosphorodithioates, pesticides)
IT Acetamide, 2,2-dimercapto-N,N-dimethyl-
Acetamide, N,N-diallyl-2,2-dimercapto-
(S,S-diesters with O,O-dialkyl phosphorodithioates, pesticides)
IT 100116-51-6 100390-11-2 108750-04-5 109043-81-4 109262-30-8
109310-29-4 109569-90-6 109597-49-1 109598-27-8 111415-45-3
111587-83-8 112271-50-8 118019-80-0 119438-54-9 124106-60-1
(Derived from data in the 6th Collective Formula Index (1957-1961))
IT 15834-33-0, Phosphorodithioic acid
(esters, pesticides)

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

L16 15 ANSWERS CAPLUS COPYRIGHT 2008 ACS on STN
IC ICM C07D401-10
ICS C07D403-10; C07D413-10; C07D491-113; C07D471-04; C07D487-04;
A01N047-02; A01N043-54; A01N043-00
CC 28-16 (Heterocyclic Compounds (More Than One Hetero Atom))
Section cross-reference(s): 5
TI Preparation of 3-phenyl-6-(trifluoromethyl)uracils as insecticides
ST phenyltrifluoromethyluracil prepn agrochem insecticide; spider
mite phenyltrifluoromethyluracil prepn agrochem insecticide
IT Agrochemicals
Arthropoda
Herbicides
Insecticides
Tetranychidae
(preparation of phenyltrifluoromethyluracils as insecticides)
IT 749896-60-4P
RL: PAC (Pharmacological activity); RCT (Reactant); SPN (Synthetic
preparation); THU (Therapeutic use); BIOL (Biological study); PREP
(Preparation); RACT (Reactant or reagent); USES (Uses)
(preparation of phenyltrifluoromethyluracils as insecticides)
IT 749896-62-6P 749896-64-8P 749896-66-0P 749896-68-2P 749896-70-6P
749896-72-8P 749896-74-0P 749896-76-2P 749896-78-4P 749896-80-8P
749896-82-0P 749896-84-2P 749896-86-4P 749896-88-6P 749896-90-0P
749896-92-2P 749896-94-4P 749896-96-6P 749896-98-8P 749897-00-5P
749897-02-7P 749897-04-9P 749897-06-1P 749897-08-3P 749897-10-7P
749897-12-9P 749897-14-1P 749897-16-3P 749897-18-5P 749897-20-9P
749897-22-1P 749897-24-3P 749897-28-7P 749897-30-1P 749897-32-3P
749897-34-5P 749897-36-7P 749897-38-9P 749897-40-3P 749897-42-5P
749897-44-7P 749897-46-9P
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU
(Therapeutic use); BIOL (Biological study); PREP (Preparation); USES
(Uses)
(preparation of phenyltrifluoromethyluracils as insecticides)
IT 77-78-1, Dimethylsulfate 1126-09-6, Piperidine-4-carboxylic
acid ethyl ester 71922-62-8 162926-25-2, 3-(4-Cyano-2,5-
difluorophenyl)-6-trifluoromethyl-1H-pyrimidin-2,4-dione
RL: RCT (Reactant); RACT (Reactant or reagent)
(preparation of phenyltrifluoromethyluracils as insecticides)
IT 749897-49-2P, 3-(4-Cyano-2-fluoro-5-isocyanatophenyl)-1-methyl-6-
trifluoromethyl-1H-pyrimidin-2,4-dione
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT

(Reactant or reagent)
(preparation of phenyltrifluoromethyluracils as insecticides)

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

L16 15 ANSWERS CAPLUS COPYRIGHT 2008 ACS on STN
INCL 260293400
CC 38 (Heterocyclic Compounds (More Than One Hetero Atom))
TI Alkenyl thiophosphonic acid fluoramides
IT Insecticides
(phosphonamidothioic fluorides as)
IT 694-45-1 3334-36-9 92546-49-1
(Derived from data in the 7th Collective Formula Index (1962-1966))
IT 648-60-2P, Phosphonamidothioic fluoride, N,N-dimethyl-P-vinyl-
651-02-5P, Phosphinothioic fluoride, ethylpiperidino- 651-25-2P,
Phosphinothioic fluoride, 1-aziridinylethyl- 661-61-0P,
Phosphonamidothioic fluoride, trimethyl- 663-70-7P, Phosphonamidothioic
fluoride, P-ethyl-N,N-dimethyl- 665-02-1P, Phosphonamidothioic fluoride,
P-ethyl-N-methyl- 667-03-8P, Phosphonamidothioic fluoride, triethyl-
667-04-9P, Phosphonamidothioic fluoride, N,N-diethyl-P-vinyl- 667-05-0P,
Phosphinothioic fluoride, ethyl-1-pyrrolidinyl- 672-40-2P,
Phosphinothioic fluoride, methylpiperidino- 699-76-3P, Phosphinothioic
fluoride, piperidinovinyl- 753-72-0P, Phosphonothioic difluoride,
methyl- 811-99-4P, Phosphonamidothioic fluoride, N,P-dimethyl-
1426-16-0P, Phosphonamidothioic fluoride, N,N-diethyl-P-methyl-
1478-47-3P, Phosphinothioic fluoride, methylmorpholino- 1478-49-5P,
Phosphinothioic fluoride, methyl-1-pyrrolidinyl- 1546-89-0P,
Phosphinothioic fluoride, ethylmorpholino- 2708-16-9P, Phosphinothioic
fluoride, morpholinovinyl- 2708-17-0P, Phosphinothioic fluoride,
1-pyrrolidinylvinyl- 3334-11-0P, Phosphinothioic fluoride,
1-aziridinylmethyl- 3334-34-7P, 2-Propanone, hexafluoro-, compound with
2-pyridinepropanol (1:1) 3334-35-8P, Cyclopentanol, 1-ethynyl-, compound
with hexafluoro-2-propanone (1:1) 3334-37-0P, 2-Propanone,
1,3-dichloro-1,1,3,3-tetrafluoro-, compound with 2,2',2'',2'''-
(ethylenedinitrilo)tetraethanol (2:1) 3334-38-1P, Glucitol, compound with
hexafluoro-2-propanone (1:6) 3334-39-2P, Pyran-2-methanol, tetrahydro-,
compound with chloropentafluoro-2-propanone (2:1) 3334-39-2P, 2-Propanone,
chloropentafluorb-, compound with tetrahydropyran-2-methanol (1:2)
3334-41-6P, 2-Propanone, 1,3-dichloro-1,1,3,3-tetrafluoro-, compound with
1-glycoloylpyrrolidine (1:1) 3342-53-8P, Ethanol, 2-(dimethylamino)-,
compound with 1,3-dichloro-1,1,3,3-tetrafluoro-2-propanone (1:1)
3481-55-8P, 2-Propanone, hexafluoro-, compound with 3-pyridinemethanol (1:1)
3481-56-9P, 2-Propanone, 1,3-dichloro-1,1,3,3-tetrafluoro-, compound with
2,2',2'',2'''-(ethylenedinitrilo)tetraethanol (4:1)
RL: PREP (Preparation)
(preparation of)

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

L16 15 ANSWERS CAPLUS COPYRIGHT 2008 ACS on STN
CC 25-16 (Benzene, Its Derivatives, and Condensed Benzenoid Compounds)
Section cross-reference(s): 5, 27
TI Synthesis and bioactivity of 1-(4-chlorophenyl)-1-propanone oxime
derivatives
ST chlorophenyl propanone oxime chlorobenzoyl chloride piperidine
dimethylhydroxylamine dibutylamine pesticide; herbicide amino chlorophenyl

propanone oxime prepn; pesticide amino chlorophenyl propanone oxime prepn; acaricide amino chlorophenyl propanone oxime prepn; spider mite amino chlorophenyl propanone oxime prepn

IT Acaricides
Culex pipiens pallens
Herbicides
Pesticides
Tetranychus cinnabarinus
(preparation of amino(chlorophenyl)propanone oxime derivs. and study of their activity as insecticides, miticides and herbicides)

IT Echinochloa colonum
(preparation of amino(chlorophenyl)propanone oxime derivs. and study of their activity toward Echium vulgare, Echinochloa colonum (Jungle rice), Digitaria sanguinalis(Large crabgrass), Cucumis sativus, Brassica chinensis (pakchoi cabbage))

IT Brassica chinensis
Cucumis sativus
Digitaria sanguinalis
Echium vulgare
Eclipta alba
(preparation of amino(chlorophenyl)propanone oxime derivs. and study of their activity toward Echium vulgare, Echinochloa colonum (Jungle rice), Digitaria sanguinalis, Eclipta alba, Cucumis sativus, Brassica chinensis (pakchoi cabbage))

IT 74-85-1, Ethylene, reactions 110-89-4, Piperidine, reactions
111-92-2, N,N-Dibutylamine 122-01-0, 4-Chlorobenzoyl chloride
1117-97-1, N,O-Dimethylhydroxylamine 5470-11-1
RL: RCT (Reactant); RACT (Reactant or reagent)
(preparation of amino(chlorophenyl)propanone oxime derivs.)

IT 3946-29-0P, 3-Chloro-1-(4-chlorophenyl)-1-propanone 32594-52-8P
735201-09-9P 911434-97-4P 911434-99-6P 911435-01-3P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation of amino(chlorophenyl)propanone oxime derivs.)

IT 911435-03-5P 911435-05-7P 911435-07-9P 911435-09-1P 911435-11-5P
911435-13-7P 911435-15-9P 911435-17-1P 911435-19-3P 911435-21-7P
911435-23-9P 911435-25-1P 911435-27-3P 911435-28-4P
RL: AGR (Agricultural use); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of amino(chlorophenyl)propanone oxime derivs. and study of their activity as insecticides, miticides and herbicides)

IT 78-77-3 106-39-8 109-65-9 402-23-3 20443-99-6 182924-36-3
RL: RCT (Reactant); RACT (Reactant or reagent)
(preparation of amino(chlorophenyl)propanone oxime derivs. and study of their activity toward Echium vulgare, Echinochloa colonum (Jungle rice), Digitaria sanguinalis, Eclipta alba, Cucumis sativus, Brassica chinensis (pakchoi cabbage))

IT 881669-13-2P
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of amino(chlorophenyl)propanone oxime derivs. and study of their activity toward Echium vulgare, Echinochloa colonum (Jungle rice), Digitaria sanguinalis, Eclipta alba, Cucumis sativus, Brassica chinensis (pakchoi cabbage))

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

L16 15 ANSWERS CAPLUS COPYRIGHT 2008 ACS on STN
INCL 167022000
CC 23 (Aliphatic Compounds)
TI Carbamoyl thiocarbamoyl disulfides
ST DISULFIDES; BACTERIOSTATIC; CARBAMOYL DISULFIDES; DISULFIDES CARBAMOYL THIOCARBAMOYL; BACTERIOSTATIC; DISULFIDES; BACTERIOSTATIC; MORPHOLINES PESTICIDAL; THIOCARBAMOYL DISULFIDES CARBAMOYL; FUNGICIDAL CARBAMOYL THIOCARBAMOYL; PIPERIDINE PESTICIDAL; BENZYL THIOCARBAMATES; CARBAMOYL THIOCARBAMOYL DISULFIDES; BACTERIOSTATIC CARBAMOYL THIOCAR; PESTICIDAL CARBAMOYL THIOCARBAMOYL

IT Bactericides
Fungicides
(dialkylcarbamoyl dialkylthiocarbamoyl disulfides as)

IT 1166-51-4
RL: RCT (Reactant); RACT (Reactant or reagent)
(mixture with dibenzylcarbamoyl dimethylthiocarbamoyl disulfide)

IT 19476-02-9
RL: RCT (Reactant); RACT (Reactant or reagent)
(mixture with dibenzylthiocarbamoyl dimethylcarbamoyl disulfide)

IT 1114-63-2
RL: RCT (Reactant); RACT (Reactant or reagent)
(mixture with dibutylcarbamoyl diethylthiocarbamoyl disulfide)

IT 1114-62-1, Disulfide, dibutylthiocarbamoyl dimethylcarbamoyl
RL: RCT (Reactant); RACT (Reactant or reagent)
(mixture with dibutylcarbamoyl dimethylthiocarbamoyl disulfide)

IT 19475-98-0
RL: RCT (Reactant); RACT (Reactant or reagent)
(mixture with dibutylthiocarbamoyl diethylcarbamoyl disulfide)

IT 1114-61-0
RL: RCT (Reactant); RACT (Reactant or reagent)
(mixture with dibutylthiocarbamoyl dimethylthiocarbamoyl disulfide)

IT 1114-77-8
RL: RCT (Reactant); RACT (Reactant or reagent)
(mixture with diethylcarbamoyl dimethylthiocarbamoyl disulfide)

IT 19475-97-9
RL: RCT (Reactant); RACT (Reactant or reagent)
(mixture with diethylthiocarbamoyl dimethylcarbamoyl disulfide)

IT 1114-60-9
RL: RCT (Reactant); RACT (Reactant or reagent)
(mixture with dihexylcarbamoyl dimethylthiocarbamoyl disulfide)

IT 19475-99-1
RL: RCT (Reactant); RACT (Reactant or reagent)
(mixture with dihexylthiocarbamoyl dimethylcarbamoyl disulfide)

IT 19476-00-7
RL: RCT (Reactant); RACT (Reactant or reagent)
(mixture with dimethylcarbamoyl morpholinothiocarbonyl disulfide)

IT 19476-01-8, Disulfide, dimethylthiocarbamoyl piperidinocarbonyl
RL: RCT (Reactant); RACT (Reactant or reagent)
(mixture with dimethylcarbamoyl piperidinothiocarbonyl disulfide)

IT 1138-05-2
RL: RCT (Reactant); RACT (Reactant or reagent)
(mixture with dimethylthiocarbamoyl morpholinocarbonyl disulfide)

IT 1138-04-1
RL: RCT (Reactant); RACT (Reactant or reagent)
(mixture with dimethylthiocarbamoyl piperidinocarbonyl disulfide)

IT 1114-64-3P 1114-78-9P 1115-06-6P

RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of)

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

L16 15 ANSWERS CAPLUS COPYRIGHT 2008 ACS on STN
CC 15A (Economic Poisons)
TI (3,4-Methylenedioxyphenyl)propylene compound
IT Insecticides
((3,4-methylenedioxyphenyl)propylene compound as, or insecticide synergist)
IT Aphis fabae and(or) Bean aphid
Flies
Macrosiphum pisi and(or) Pea aphid
(control of, (3,4-methylenedioxyphenyl)propylene compds. for)
IT Red spider mite
(control of, on bush bean, (3,4-methylenedioxyphenyl)propylene compds. for)
IT Thrips
(control of, on chickory, (3,4-methylenedioxyphenyl)propylene compds. for)
IT Insectifuges
(for Mexican bean beetle, (3,4-methylenedioxyphenyl)propylene compds.)
IT Beans and(or) Phaseolus
(red-spider control on bush, (3,4-methylenedioxyphenyl)propylene compds. for)
IT Epilachna varivestis and (or) Mexican bean beetle
(repellents for, (3,4-methylenedioxyphenyl)propylene compds.)
IT Pyrethrins
(synergists for, (3,4-methylenedioxyphenyl)propylene compds.)
IT Rotenoids
(synergists for, (3,4-methylenedioxyphenyl)propylene compds. as)
IT Chicory
(thrips control on, (3,4-methylenedioxyphenyl)propylene compds. for)
IT 86808-79-9, Acetic acid, [3-(3,4-methylenedioxyphenyl)propylthio]- 721922-88-9, Acetamide, N-allyl-2-[3-(3,4-methylenedioxyphenyl)propylthio]- 855878-26-1, Acetamide, 2-(α-methyl-3,4-methylenedioxyphenethylthio)-N,N-dipentyl- 855878-34-1, Acetamide, 2-[3-(3,4-methylenedioxyphenyl)propylthio]-N,N-dipentyl- 855878-42-1, Acetamide, N-cyclohexyl-2-(α-methyl-3,4-methylenedioxyphenethylthio)- 855878-47-6, Acetamide, N-cyclohexyl-2-[3-(3,4-methylenedioxyphenyl)propylthio]- 855880-07-8, Acetamide, N-ethyl-2-[3-(3,4-methylenedioxyphenyl)propylthio]- 855880-78-3, Acetamide, 2-(α-methyl-3,4-methylenedioxyphenethylthio)-N,N-dipropyl- 855880-85-2, Acetamide, 2-[3-(3,4-methylenedioxyphenyl)propylthio]-N,N-dipropyl- 855881-11-7, Acetamide, N-butyl-2-[3-(3,4-methylenedioxyphenyl)propylthio]- 855882-54-1, Acetamide, N,N-diisopropyl-2-(α-methyl-3,4-methylenedioxyphenethylthio)- 855882-61-0, Acetamide, N,N-diisopropyl-2-[3-(3,4-methylenedioxyphenyl)propylthio]- 855883-39-5, Acetamide, N-benzyl-2-(α-methyl-3,4-methylenedioxyphenethylthio)- 855883-46-4, Acetamide, N-benzyl-2-[3-(3,4-methylenedioxyphenyl)propylthio]- 855883-61-3, Acetamide, N-isobutyl-2-(α-methyl-3,4-methylenedioxyphenethylthio)- 855883-66-8, Acetamide, N-isobutyl-2-[3-(3,4-methylenedioxyphenyl)propylthio]- 855883-88-4, Acetamide, N,N-diethyl-2-(α-methyl-3,4-methylenedioxyphenethylthio)-

855883-95-3, Acetamide, N,N-diethyl-2-[3-(3,4-methylenedioxyphenyl)propylthio]- 855884-41-2, Acetamide, N,N-dicyclohexyl-2-[3-(3,4-methylenedioxyphenyl)propylthio]- 855884-98-9, Acetamide, N,N-dibutyl-2-(α-methyl-3,4-methylenedioxyphenethylthio)- 855885-05-1, Acetamide, N,N-dibutyl-2-[3-(3,4-methylenedioxyphenyl)propylthio]- 857557-12-1, Acetic acid, (α-methyl-3,4-methylenedioxyphenethylthio)- 858453-91-5, Morpholine, 4-[(α-methyl-3,4-methylenedioxyphenethylthio)acetyl]- 860248-71-1, Morpholine, 4-[[3-(3,4-methylenedioxyphenyl)propylthio]acetyl]- 861054-81-1, Acetamide, N-butyl-2-(α-methyl-3,4-methylenedioxyphenethylthio)-
(as insecticide)
IT 857237-91-3, Piperidine, 1-[[3-(3,4-methylenedioxyphenyl)propylthio]acetyl]- 858260-43-2, Piperidine, 1-[(α-methyl-3,4-methylenedioxyphenethylthio)acetyl]-
(insecticide)

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):
HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

L16 15 ANSWERS CAPLUS COPYRIGHT 2008 ACS on STN
IC C07D
INCL 260293600
CC 28-10 (Heterocyclic Compounds (More Than One Hetero Atom))
Section cross-reference(s): 5
TI 4-Substituted-5-cyano-7-nitro-2-(α,α-difluoroalkyl)benzimidazoles
ST insecticide perfluoroalkylbenzimidazole; herbicide perfluoroalkylbenzimidazole; acaricide perfluoroalkylbenzimidazole; pesticide perfluoroalkylbenzimidazole; fluoroalkylbenzimidazole pesticide; benzimidazole fluoroalkyl pesticide
IT Acaricides
Herbicides
Insecticides
(cyanonitro(perfluoroalkyl)benzimidazoles)
IT 58987-65-8P 58987-67-0P 58987-69-2P 58987-71-6P 58987-72-7P 58987-73-8P 58987-74-9P 58987-75-0P 58987-76-1P 58987-77-2P
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation)
(preparation and insecticidal activity of)
IT 58987-66-9P 58987-68-1P 58987-70-5P
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation and insecticidal and herbicidal activity of)
IT 58987-79-4
RL: RCT (Reactant); RACT (Reactant or reagent)
(reaction of, with alcs. and sodium)
IT 58987-78-3
RL: RCT (Reactant); RACT (Reactant or reagent)
(reaction of, with amines, alcs., and ethanethiol)
IT 107-10-8 108-91-8 109-73-9 811-51-8 13952-84-6
RL: RCT (Reactant); RACT (Reactant or reagent)
(reaction of, with chloronitrobis(trifluoromethyl)benzimidazole)
IT 58987-80-7
RL: RCT (Reactant); RACT (Reactant or reagent)
(reaction of, with ethanol and sodium)

IT 58987-81-8
RL: RCT (Reactant); RACT (Reactant or reagent)
(reaction of, with piperidine)
IT 110-89-4, reactions
RL: RCT (Reactant); RACT (Reactant or reagent)
(with chloronitrobis(trifluoromethyl)benzimidazole)

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

L16 15 ANSWERS CAPLUS COPYRIGHT 2008 ACS on STN
CC 15A (Economic Poisons)
TI N-Substituted m-nitrobenzamides as insecticides
IT Diaphania hyalinata and(or) Melonworm
Macrosiphum pisi and(or) Pea aphid
Tetranychus telarius and(or) Two-spotted spider mite
Toxoptera aurantii and(or) Black citrus aphid
Udea rubigalis
(control of)
IT Peas
Swiss chard
(m-nitrobenzamide N-derivative toxicity to)
IT Beets
Cabbage
Corn
Pumpkins
Turnips
(m-nitrobenzamide-N-derivative toxicity to)
IT Beans and(or) Phaseolus
Kale
(nitrobenzamide N-derivative effect on)
IT Insecticides
(nitrobenzamide N-derivs. as)
IT 7497-14-5, Benzoic acid, m-nitro-, 2-phenylhydrazide 26163-45-1, Piperidine, 1-m-nitrobenzoyl-
(as insecticide)
IT 645-09-0, Benzamide, m-nitro-
(derivs., as insecticides)
IT 2448-05-7P, Benzamide, N-isobutyl-m-nitro- 2448-06-8P, Benzamide, N,N-diisopropyl-m-nitro- 3400-26-8P, Benzamide, N-methyl-m-nitro- 7291-02-3P, Benzamide, N,N-dimethyl-m-nitro- 39887-56-4P, Benzamide, m-nitro-N-propyl- 50445-53-9P, Benzamide, N-isopropyl-m-nitro- 70001-47-7P, Benzamide, N-butyl-m-nitro- 328259-29-6P, Benzamide, N-sec-butyl-m-nitro-
RL: PREP (Preparation)
(preparation of)

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

L16 15 ANSWERS CAPLUS COPYRIGHT 2008 ACS on STN
IC A01N009-22
INCL 424273000
CC 28-10 (Heterocyclic Compounds (More Than One Hetero Atom))
Section cross-reference(s): 5
TI 4-Substituted-5,7-dinitro-2-(α,α-difluoroalkyl)-benzimidazole compounds as insecticides
ST fluoroalkylbenzimidazole prepn insecticide; benzimidazole fluoroalkyl

prepn insecticide; amine chlorobenzimidazole substitution; alc chlorobenzimidazole substitution; thiol chlorobenzimidazole substitution; nitrobenzimidazole prepn insecticide
IT Insecticides
(dinitro(α,α-difluoroalkyl)benzimidazoles)
IT Alcohols, reactions
Amines, reactions
Thiols, reactions
RL: RCT (Reactant); RACT (Reactant or reagent)
(reaction of, with chloronitro(difluoroalkyl)benzimidazoles)
IT 60168-01-6P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation and decarboxylation of)
IT 60168-02-7P
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation and diazotization-hydration of)
IT 60168-00-5P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation and hydrolysis-decarboxylation of)
IT 30542-64-4P 30542-65-5P 30542-66-6P 30542-69-9P 30542-70-2P
30542-71-3P 30542-72-4P 30542-73-5P 30542-75-7P 30542-77-9P
30542-78-0P 30542-80-4P 30542-82-6P 30542-83-7P 30542-84-8P
30542-86-0P 30542-89-3P 30542-90-6P 30542-91-7P 30542-93-9P
30542-94-0P 30542-97-3P 30542-99-5P 30543-01-2P 30543-02-3P
30543-03-4P 30543-05-6P 30543-08-9P 30548-37-9P 30548-39-1P
30548-40-4P 30548-42-6P 30548-43-7P 30548-46-0P 30548-47-1P
30548-49-3P 30548-50-6P 30548-51-7P 30548-53-9P 30548-54-0P
30548-56-2P 30548-59-5P 30548-61-9P 30548-62-0P 30645-87-5P
30649-02-6P 30650-73-8P 30650-74-9P 30650-75-0P 33662-76-9P
60167-64-8P 60167-65-9P 60167-66-0P 60167-67-1P 60167-68-2P
60167-70-6P 60167-71-7P 60167-72-8P 60167-73-9P 60167-74-0P
60167-75-1P 60167-77-3P 60167-78-4P 60167-79-5P 60167-84-2P
60167-86-4P 60167-87-5P 60167-88-6P 60167-90-0P 60167-92-2P
60167-94-4P 60167-95-5P 60167-96-6P 60167-97-7P 60181-53-5P
60181-54-6P 60181-55-7P 62293-38-3P 62293-40-7P
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation)
(preparation and insecticidal activity of)
IT 60168-03-8P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation and nitration of)
IT 30542-67-7P 30542-68-8P 30542-74-6P 30542-76-8P 30542-79-1P
30542-81-5P 30542-82-6P 30542-85-9P 30542-87-1P 30542-88-2P
30542-92-8P 30542-95-1P 30542-96-2P 30542-98-4P 30543-00-1P
30543-04-5P 30543-07-8P 30548-38-0P 30548-41-5P 30548-44-8P
30548-45-9P 30548-48-2P 30548-52-8P 30548-55-1P 30548-57-3P
30548-60-8P 30645-86-4P 30650-72-7P 30788-79-5P 60167-66-0P
60167-76-2P 60167-80-8P 60167-81-9P 60167-83-1P 60167-85-3P
60167-91-1P 60167-93-3P 60285-67-8P 60285-68-9P 62293-39-4P
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of)
IT 39030-54-1 60167-99-9

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     RL: RCT (Reactant); RACT (Reactant or reagent)
        (reaction of, with amines)
IT   75-64-9, reactions   108-93-0, reactions   110-89-4, reactions   513-53-1
     2421-81-0
     RL: RCT (Reactant); RACT (Reactant or reagent)
        (reaction of, with halo(trifluoromethyl)benzimidazole)

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):0

=> d his

     (FILE 'HOME' ENTERED AT 18:47:07 ON 12 MAR 2008)

     FILE 'REGISTRY' ENTERED AT 18:47:19 ON 12 MAR 2008
L1             STRUCTURE UPLOADED
L2             QUE L1
L3          12 S L1
L4         672 S L1 FULL

     FILE 'CAPLUS' ENTERED AT 18:49:39 ON 12 MAR 2008
L5          38 S L4

     FILE 'HOME' ENTERED AT 18:51:01 ON 12 MAR 2008

     FILE 'STNGUIDE' ENTERED AT 18:51:04 ON 12 MAR 2008

     FILE 'REGISTRY' ENTERED AT 18:59:22 ON 12 MAR 2008
L6      508978 S PIPERIDINE
L7        2485 S L6 AND PYRIDINE

     FILE 'CAPLUS' ENTERED AT 18:59:48 ON 12 MAR 2008
L8        28921 S L7
L9          226 S L8 AND AGR/RL
L10         832 S RED MITE
L11         311 S ARMY WORM
L12         ANALYZE L11 311 DT :       1 TERM
L13          16 S L11 AND KILLED
L14           1 S L11 AND PIPERIDINE
L15        3044 S SPIDER MITE
L16          15 S L15 AND PIPERIDINE

=> analyze l16
ENTER ANSWER NUMBER OR RANGE (1-):15
ENTER DISPLAY CODE (TI) OR ?:dt
L17         ANALYZE L16 15 DT :       1 TERM

=> d l17
L17         ANALYZE L16 15 DT :       1 TERM

TERM #   # OCC  # DOC  % DOC DT
------ ------- ------ ------ ---------------
     1       1      1 100.00 PATENT
*********  END OF L17***


=> d cbib abs 1-15
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L17         ANALYZE L16 15 DT :       1 TERM



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L16  ANSWER 1 OF 15  CAPLUS  COPYRIGHT 2008 ACS on STN
2005:1247589   Document No. 145:397162  Synthesis and bioactivity of
     1-(4-chlorophenyl)-1-propanone oxime derivatives.  Wang, Yuanguang; Yuan,
     Liping; Chen, Liang; Cao, Jin; Guo, Qingming; Zhang, Yibin (Shanghai
     Pesticide Research Institute, Shanghai, 200032, Peop. Rep. China).
     Nongyaoxue Xuebao, 7(2), 114-118 (Chinese) 2005.  CODEN: NXOUAS.  ISSN:
     1008-7303.  OTHER SOURCES: CASREACT 145:397162.  Publisher: Nongyaoxue
     Xuebao Bianjibu.
AB   To search for pesticide lead compds. with a new type of structure,
     fourteen novel 1-(4-chlorophenyl)-1-propanone oxime derivs. were designed
     and synthesized.  Their structures were confirmed by 1H NMR and elemental
     anal.  The preliminary bioassay showed that this kind of compound presented
     insecticidal and herbicidal activities.  The mortality of Culex pipiens
     pallens treated with 1-(4-chlorophenyl)-3-(1-piperidinyl)-1-propanone
     O-(2,4-dichlorobenzyl)oxime, 1-(4-chlorophenyl)-3-(1-piperidinyl)-1-
     propanone O-isobutyloxime and 1-(4-chlorophenyl)-3-(1-piperidinyl)-1-
     propanone O-(4-chlorophenyl)oxime at the concentration of 50 mg/L reached 100%.

L16  ANSWER 2 OF 15  CAPLUS  COPYRIGHT 2008 ACS on STN
2004:719892   Document No. 141:243559  Preparation of 3-phenyl-6-
     (trifluoromethyl)uracils as insecticides.  Schwarz, Hans-Georg; Andree,
     Roland; Hoischen, Dorothee; Linker, Karl-Heinz; Kluth, Joachim; Schallner,
     Otto; Drewes, Mark Wilhelm; Dahmen, Peter; Feucht, Dieter; Pontzen, Rolf;
     Loesel, Peter; Auler, Thomas; Hills, Martin; Kehne, Heinz (Bayer
     CropScience AG, Germany).  Ger. Offen. DE 10307142 A1 20040902, 51 pp.
     (German).  CODEN: GWXXBX.  APPLICATION: DE 2003-10307142 20030220.
GI
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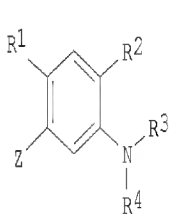
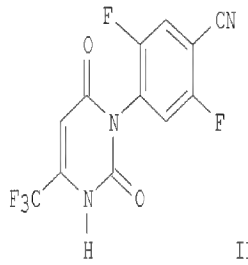
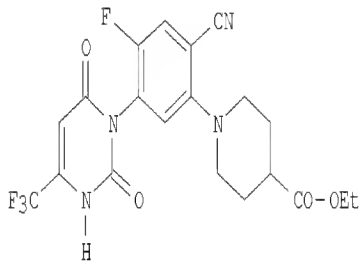


I



II



III

AB Title compds. I [R1 = H, CN, halo; R2 = NO2, CN, thiocarbamoyl; R3, R4 = together with the N-atom form a monocyclic or bicyclic ring with provisos; Z = heterocyclic ring, e.g., s-triazol-3-ols, pyrrole-2,5-diones, 2,4-dioxopyrimidines, etc.] were prepared For example, N-alkylation of piperidine-4-carboxylic acid Et ester by difluorophenyl II, afforded trifluoromethyluracil III in 40% yield. In spider mite control assays, 3-examples of compds. I showed good effectiveness (sic).

L16 ANSWER 3 OF 15 CAPLUS COPYRIGHT 2008 ACS on STN

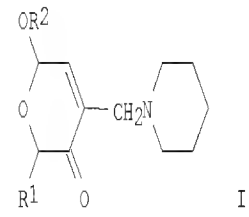
2004:174278 Document No. 141:157208 Phosphorus-Containing Esters of Anabasine and Piperidine. Tilyabaev, Z.; Dalimov, D. N.; Babaev, B. N.; Kuvshinova, N. D.; Khashimova, M. Kh.; Oimatov, M. (A. S. Sadykov Institute of Bioorganic Chemistry, Academy of Sciences of the Republic of Uzbekistan, Tashkent, 700143, Uzbekistan). Chemistry of Natural Compounds (Translation of Khimiya Prirodnykh Soedinenii), 39(6), 589-591 (English) 2003. CODEN: CHNCA8. ISSN: 0009-3130. OTHER SOURCES: CASREACT 141:157208. Publisher: Kluwer Academic/Consultants Bureau.

AB New P-containing esters of anabasine and piperidine [O,O-dibutyl-S-(piperidinobutyn-2-yl) thiophosphate and N-β-[(O-pentylphenylphosphonyl)mercaptoethyl]anabasine] were synthesized. Their potentiating effect in a mixture with carbophos was determined on spider mites.

L16 ANSWER 4 OF 15 CAPLUS COPYRIGHT 2008 ACS on STN

1994:598500 Document No. 121:198500 Synthesis of mannich bases of 2,6-disubstituted 2H-pyran-3(6H)-ones and their miticidal activity. Takao, Hisashi; Murai, Keizaburo; Yasudomi, Norio; Goto, Takeshi; Umetsu, Noriharu; Horie, Tokunaru (Naruto Res. Cent., Otsuka Chem. Co., Naruto, 772, Japan). Nippon Noyaku Gakkaishi, 19(3), 151-6 (English) 1994. CODEN: NNGADV. ISSN: 0385-1559.

GI



I

AB 2,6-Disubstituted 4-(N,N-disubstituted)aminomethyl-2H-pyran-3(6H)-ones (I, R1 = alkyl or PH; R2 = H, alkyl, cyclohexyl) were synthesized and their miticidal activity against female adults of 2-spotted spider mites (Tetranychus urticae) mainly examined in greenhouse tests. The activity was greatly affected by the 4-aminomethyl groups on the pyran ring and the compds. with the 4-piperidinomethyl group exhibited the highest activity. The 2-alkyl and 6-alkoxy groups increased the activity depending on their C chain length whereas the other 2- or 6-substituents decreased it. Consequently, the most active compound was I (R1 = hexyl; R2 = CHMe2) (II). II showed an excellent activity against female adults of kanazawa spider mites (T. kanazawai) and citrus red mites (Panonychus citri) and also efficiently controlled the next generation of the above 3 kinds of mites.

L16 ANSWER 5 OF 15 CAPLUS COPYRIGHT 2008 ACS on STN

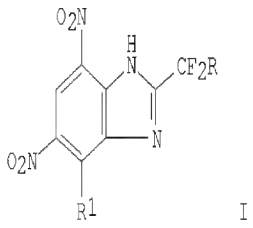
1979:151581 Document No. 90:151581 Original Reference No. 90:24081a,24084a N-Aminosulfenyl derivatives of aldicarb. Fukuto, Tetsuo Roy; Black, Allan Lindsay (University of California, Berkeley, USA). U.S. US 4108991 19780822, 6 pp. (English). CODEN: USXXAM. APPLICATION: US 1976-747752 19761206.

AB MeSCMe2CH:NO2CNMeSNRR1 (R,R1 = C1-6 alkyl, Ph, phenylalkyl; NRR1 = piperidine, morpholine, pyrrolidine, piperazine, hexahydroazepine) were prepared Thus, PhCH2NHMe was treated with S2Cl2 to give PhCH2NMeSCl, which on treatment with MeSCMe2CH:NO2CNHMe gave MeSCMe2CH:NO2CNMeSNMeCH2Ph (I). At 10 ppm I gave 96% kill of 2-spotted spider mites and 20% kill of pea aphids.

L16 ANSWER 6 OF 15 CAPLUS COPYRIGHT 2008 ACS on STN

1977:140050 Document No. 86:140050 Original Reference No. 86:21997a,22000a 4-Substituted-5,7-dinitro-2-(α,α-difluoroalkyl)-benzimidazole compounds as insecticides. Miesel, John L. (Eli Lilly and Co., USA). U.S. US 4000295 19761228, 23 pp. (English). CODEN: USXXAM. APPLICATION: US 1975-588972 19750620.

GI

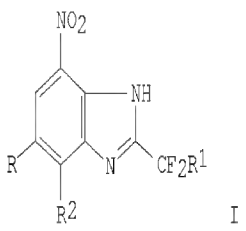


I

AB Benzimidazoles I (R = F, Cl, CF3, CF2CF3; R1 = alkylthio, alkoxy, alkyl, NR2R3, R2 = H, R3 = alkyl, cycloalkyl; R2 = R3 = alkyl, cycloalkyl; NR2R3 = piperidino, octaazocino, decaisoquinolyl, hexaazepino, azabicycloalkanyl) (106 compds.) were prepared Thus, I (R = F, R1 = Cl) (II) was treated with Me3CNH2 in the presence of Et3N to give I (R = F, R1 = Me3CNH). Similar treatment of II with piperidine gave I (R = F, R1 = piperidino). The reaction of cyclohexanol and K and II in PO(NMe2)3 gave I (R = F, R1 = cyclohexyloxy) and of EtCHMeSNa and II gave I (R = F, R1 = EtCHMeS). These I exhibited insecticidal activity against the Mexican bean beetle, southern armyworm, the two-spotted spider mite, milkweed bug, house fly, and the boll weevil.

L16 ANSWER 7 OF 15 CAPLUS COPYRIGHT 2008 ACS on STN
1976:150630 Document No. 84:150630 Original Reference No. 84:24483a,24486a
4-Substituted-5-cyano-7-nitro-2-(α,α-difluoroalkyl)benzimidazoles. Miesel, John L.; Wickiser, David I. (Eli Lilly and Co., USA). U.S. US 3939166 19760217, 11 pp. (English). CODEN: USXXAM. APPLICATION: US 1973-416298 19731115.

GI



I

AB Benzimidazoles I (R = CF3, R1 = F, R2 = MeO, EtS, PrNH, EtO, piperidino, BuNH, cyclohexylamino, EtMeCHCH2NH; R = cyano, R1 = F, R2 = EtO, PrNH; R = R1 = CF3, R2 = EtO, PrO; R = Cyano, R1 = CF3, R2 = piperidino) were prepared by refluxing chloro compds. I (R2 = Cl) with amines in EtOH for .apprx.60 hr or with EtSNa or alcs. and Na overnight. I (R = CF3, R1 = F, R2 = Cl) was prepared, e.g., by treating I (R = CF3, R1 = F, R2 = OH) with SO2Cl and a little DMF at room temperature At 10-500 ppm, I killed 91-100% Mexican bean beetle, southern armyworm, 2-spotted spider mite, milkweed bug, house fly, and boll weevil. At 2 lb/acre, I (R = CF3, R1 = F, R2 = MeO) gave essentially complete control of crabgrass, pigweed, and foxtail without phytotoxic effect on corn, cotton, or soybeans. I (R = CF3, R1 = F, R2 = EtO; R = R1 = CF3, R2 = PrO) gave essentially the same results at 4 lb/acre.

L16 ANSWER 8 OF 15 CAPLUS COPYRIGHT 2008 ACS on STN
1968:68491 Document No. 68:68491 Original Reference No. 68:13191a,13194a
Carbamoyl thiocarbamoyl disulfides. Brooks, Lester Allen; O'Shaughnessy, Robert T. (Vanderbilt, R. T., Co., Inc.). U.S. US 3318763 19670509, 11 pp. (English). CODEN: USXXAM. APPLICATION: US 19630111.

AB Title compds. of the formula R1R2NC(O)SSC(S)NR3R4 (I) where R1, R2, R3, and R4 are C1-10 alkyl, cycloalkyl, aralkyl, or heterocyclic radicals were prepared for use as pesticide bases. Thiuram monosulfides were oxidized with an O-containing gas or air and N2O4 as catalyst at 0-35° alone or in aqueous or inert solvent systems. Thus, 416 g. tetramethylthiuram monosulfide was slurried in 1500 ml. H2O and 500 g. crushed ice and the mixture stirred while 55 g. N2O4 mixed with air and air alone were bubbled into the mixture through fritted glass tubes at 0-10°. After 50 min. the mixture was filtered and dried under vacuum at 50° to give 93% dimethylcarbamoyl dimethylthiocarbamoyl disulfide (II), m. 103-6°. Similar methods were used to prepare the following I (R1, R2, R3, R4, % yield): Me, Me, Et, Et, 95; Et, Et, Et, Et, 92; Et, Et, Bu, Bu, 96; Bu, Bu, Bu, Bu, 96; Me, Me, C6H13, C6H13, 95; Me, Me, (R3R4 =) CH2CH2OCH2CH2, 94; Me, Me, (R3R4 =) (CH2)5, 83; Me, Me, PhCH2, PhCH2, 83. Extensive test data show that II is a more active pesticide than tetramethyl thiuram disulfide. I was an effective bacteriostat in soap at 1% levels against Bacillus subtilis, Staphylococcus aureus, and Salmonella typhosa; at 1% with diaper detergent against S. aureus; at 1% in treated cotton duck for soil burial (Aspergillus niger); at 0.1-0.3% against mixed flora in paper mill slime; at $5.00 per ton in moldproofing Kraft paper; at 500-1000 ppm. as a dry cleaning bacteriostat (S. aureus, Salmonella typhosa); from 10-10,000 ppm. against seven organisms in jet fuel; and at 1% in a vinyl resin composition (A. niger, A. flavus, Penicillium luteum, and Trichoderma). A wettable powder was tested as an argicultural fungicide applied as a spray controlled cucumber mildew (Pseudoperonospora cubensis), Helminthosporium corn leaf blight, Alternaria leaf spot and Phytophthora late blight on tomatoes, Venturia inaequalis apple scab, Coccomyces hiemalis cherry leaf spot, and Monilinia fructicola [Sclerotinia fructicola] brown peach rot. I was also used to treat sweet corn, wax bean, and sugar beet seeds, as an antifouling agent, and as a contact pesticide against pea aphids and spider mites at 0.35%.

L16 ANSWER 9 OF 15 CAPLUS COPYRIGHT 2008 ACS on STN
1965:463155 Document No. 63:63155 Original Reference No. 63:11578d-h
Alkenyl thiophosphonic acid fluoramides. Schrader, Gerhard (Farbenfabriken Bayer A.-G.). US 3184465 19650518, 4 pp. (English). PRIORITY: DE 19590303.

AB The title compds. RFP(S)NR1R2 (I), prepared by the reaction of an aliphatic thionophosphonic acid difluoride with a primary or secondary amine, show high insecticidal but low mammalian toxicity. Thus, to 58 g. methylthionophosphonic acid difluoride, b1 84°, in 400 mL. C6H6 is added dropwise 90 g. of a 50% benzene-Me2NH solution The temperature is kept at 20° during the addition by stirring and cooling. The mixture is stirred for 3 h. then cooled to 5° and 50 mL. of ice water is added. The C6H6 phase is separated, dried with Na2SO4, and distilled to yield 85% methylfluorothionophosphonic acid dimethylamide (II) b2 50°. The toxicity on rats per os is 5 mg. kg. L.D.95. In a test, where 50 flies are placed in a petri dish in which a filter paper is placed which has

been sprayed drip wet with a 0.01% solution of II 100% of the flies are killed after 24 h. The toxicity of a compound against spider mites (Tetranychus telarius) is determined by spraying infected 15-in. high bean plants (Phaseolus vulgaris) drip wet with the compound being tested and then evaluating the plants after 24 and 48 h. and 8 days. Derivs. prepared similarly to II are tabulated. MePSF2 6.84°. R, R1, R2, b.p./mm., % yield, per os L.D.50 rats mg./kg., concentration for 100% kill, flies, aphids, spider mites; Me, Et, Et, 72°/2, 41, 50, --, 0.1, --; Me, piperdine, 78°/1, 62, 5, 0.001, --, --; Me, morpholine, 88°/1, 56, 25, --, --, 0.01; Me, pyrrolidine, 74 °/1, 62, 5*, --, --, 0.01; Me, H, Me, 58°/1, 74, 25, 0.01, --, --; Me, ethyleneimine, 46°/3, 27, 50, --, 0.1, --; CH2:CH, Me, Me, 64°/1, 52, 10, 0.01, --, --; Et, ethyleneimine, 50°/3, 37, 50, **, --, --; Et, piperidine, 85°/1, 80, 5*, **, --, --; Et, Me, Me, 53°/2, 84, 2.5, 0.01, --, --; Et, morpholine, 92°/1, 63, 10*, 0.001, --, --; Et, Et, Et, 75°/2, 21, 25*, --, --, 0.1; Et, pyrrolidine, 78°/1, 71, 5, --, --, 0.01; Et, H, Me, 60°/1, 67, 5, **, --, --; CH2:CH, Et, Et, 74°/1, 12, 100, --, --, --; CH2:CH, pyrrolidine, 84°/1, 43, 10, --, --, 0.01; CH2:CH, piperidine, 88°/1, 33, 50, 0.01, --, --; CH2:CH, morpholine, 98°/1, 12, 100, --, --, --; * per os LD95 to rats mg./kg.; ** 0.1% gives 100% kill of caterpillars.

L16 ANSWER 10 OF 15 CAPLUS COPYRIGHT 2008 ACS on STN

1959:69226 Document No. 53:69226 Original Reference No. 53:12578a-d Pesticidal 2,2-dimercaptoacetamides. Willard, Joe R.; Henahan, John F. (Food Machinery and Chemical Corp.). US 2877152 19590310 (Unavailable). APPLICATION: US .

AB To an EtOH solution of 37.2 parts O,O-di-Et hydrogen phosphorodithioate, 25% alc. KOH was added slowly to pH 6.0-6.5, maintaining the temperature <50°. To this solution, 15.6 parts Cl2CHCONMe2 was added. The mixture was refluxed for 2 hrs., the KCl filtered off, and the mixture concentrated The residue was washed with water, the water extracted with Et2O, and the combined organic phases dried over Na2SO4. Removal of Et2O gave 32.6 parts [(EtO)2P(:S)S]2CHCONMe2 (I), an opaque compound in the refractometer. The compound formulated as a wettable powder concentrate contained 25% I, 3% alkyl aryl polyether, and 72% fuller's earth. At 1250 p.p.m., an aqueous emulsion showed 100% kill of German roaches, two-spotted mites, Mexican bean beetles, and pea aphids, and 50% kill of Southern army worms. Several analogs were synthesized and their insecticidal, acaricidal, fungicidal, and nematocidal potencies studied. The substituents and properties of these compds. are (O-substituent, N-substituents, % yields and nD given): Me, Me, Me, 28, 1.5070; Et, Et, Et, 74, 1.5078; Et, iso-Bu, iso-Bu, 73, opaque liquid; Et, octyl, octyl, 75, opaque; Et, allyl, allyl, 84, 1.5090; Et, pentamethylene, 83, 1.5183; Et, ethyleneoxyethylene, 72, 1.5140; iso-Pr, Me, Me, 81, opaque; iso-Pr, allyl, allyl, 81, opaque; Bu, Et, Et, 84, opaque; and iso-Pr, Et, Et, 63, opaque.

L16 ANSWER 11 OF 15 CAPLUS COPYRIGHT 2008 ACS on STN

1956:61919 Document No. 50:61919 Original Reference No. 50:11601a-d Basic phosphoric acid ester insecticides. Gatzi, Karl; Muller, Paul (J. R. Geigy A.-G.). US 2736726 19560228 (Unavailable). APPLICATION: US .

AB New phosphoric acid esters containing basic ester components, which are toxic to insects such as leaf aphids and red spiders in all stages of development, have the general formula RO(R'O)P(:S)XYA, in which R and R'

are alkyl radicals, + is S or O, A is dialkylamino, alkylenimino, or morpholino, and Y is an alkylene group containing 2-4 C atoms. These can be used as dusts, wettable powders, or sprays. Thus, 21 parts of the Na salt of O,O-diethyl dithiophosphoric acid ester and 14 parts 2-diethylaminoethyl chloride in 200 parts by volume anhydrous acetone are stirred 3 hrs. at room temperature and then refluxed for 2 hrs. NaCl ppts., water is added, the solution is made alkaline, and the ether is extracted The extract is washed and evaporated and the residue distilled to give S-(2-diethylaminoethyl) O,O-diethyl dithiophosphoric acid ester, b0.2 108-9°. Treatment of diethylaminoethyl mercaptan with diethoxythiophosphoryl chloride in the presence of Na yields the same ester. Similarly, diethyl (2-dimethylaminoethyl) thiophosphoric acid ester, b12 126-9° and diethyl (4-diethylaminobutyl) thiophosphoric acid ester are prepared Also claimed are the following diethyl dithiophosphoric acid esters: S-(2-dimethylaminoethyl), b0.1 96-102°; S-(2-piperidinoethyl), b0.3 133-5°; and S-(2-morpholinoethyl), b0.2 140-2°; and the (2-diethylaminoethyl) diethyl thiophosphoric acid ester, b12 153-6°.

L16 ANSWER 12 OF 15 CAPLUS COPYRIGHT 2008 ACS on STN

1953:16918 Document No. 47:16918 Original Reference No. 47:2922f-h Tests of some nitrogen-substituted anisamides and esters of anisic acid as insecticides. Bottger, G. T.; Yerington, A. P.; Gertler, S. I. (U.S. Dept. Agr., Washington, DC). Bur. Entomol. and Plant Quarantine (E-852), 10 pp. (Unavailable) 1952.

AB A number of compds. were tested as insecticides against 3 to 5 species of insects and 1 spider mite. Only 2 compds. [N,N-diisopropylanisamide (I) and cyclohexyl anisate (II)] caused greater than 74% mortality to 1 or more species of insects in dust tests. These samples were effective only against the 2-spotted spider mite. I caused severe injury to foliage of bean and moderate injury to that of chard, collard, and squash. No apparent injury to foliage resulted from spray applications of II.

L16 ANSWER 13 OF 15 CAPLUS COPYRIGHT 2008 ACS on STN

1951:17551 Document No. 45:17551 Original Reference No. 45:3111f-i,3112a-d Toxicity of certain synthetic organic compounds to the fruit-tree red spider mite. Eaton, J. K.; Davies, R. G. (East Malling Research Sta., Kent, UK). Annals of Applied Biology, 37, 471-89 (Unavailable) 1950. CODEN: AABIAV. ISSN: 0003-4746.

AB cf. Ann. Rept. East Malling Research Sta., Kent 1947, 43(1948); C.A. 42, 5156h; 44, 9613f. Representatives of 3 classes of organic compds. were tested against summer eggs and adult females of Metatetranychus ulmi(= Paratetranychus pilosus). Class 1 included biphenyl, 4,4'-diaminobiphenyl, 2,2',4,4'-tetranitrobiphenyl, diphenylmethane, benzophenone, benzhydrol, 1,1-diphenylethane, bis(p-chlorophenyl)methyl carbinol, 2,2-diphenyl-1,1,1-trichloroethane, DDT, bibenzyl, benzil, benzoin, stilbene, dibenzoylmethane, dibenzyl ketone, Ph styryl ketone, α,γ-diphenylglycerol, dibenzyl ether, benzyl benzoate, di-Ph carbonate, bis(p-chlorophenoxy)methane di-Ph sulfone, p-chlorophenyl Ph sulfone, bis(p-chlorophenyl) sulfone, bis(m-aminophenyl) sulfone, p-chlorophenyl p-tolyl sulfone, 2,4-dinitrophenyl p-tolyl sulfone, bis(2-hydroxy-5-methylphenyl) sulfone, bis(3-chloro-4-hydroxyphenyl) sulfone, bis(5-chloro-2-hydroxyphenyl) sulfone, bis(4-hydroxy-2-methylphenyl) sulfone, bis(4-hydroxy-3-methylphenyl) sulfone, Ph sulfide,

Ph disulfide, azobenzene, 4-chloroazobenzene, 4,4'-dichloroazobenzene, 4-methylazobenzene, 4,4'-dimethylazobenzene, 3,3'-dimethylazobenzene, p-phenylazophenol, p-phenylazoaniline, 1-(phenylazo)piperidine, phenylazo-o-cresol, diazoaminobenzene, hydrazobenzene, azoxybenzene, diphenylamine, N-nitrosodiphenylamine, 9-nitrosocarbazole, and dibenzylamine. Class 2 consisted of the following thiocyanates: sec-hexyl, sec-heptyl, sec-octyl, sec-nonyl, sec-decyl, sec-hendecyl, sec-dodecyl, tert-Bu, n-dodecyl, n-alkyl (C12-C13), hexadecyl, and 2-(2-butoxyethoxy)ethyl. Class 3: Disulfides of dimethylthiuram, tetramethylthiuram, tetraethylthiuram, N,N-di-Ph N,N-dimethylthiuram, N,N-di-Ph N,N-diethylthiuram, and dicylopentamethylenethiuram, monosulfides of tetramethylthiuram and dicyclopentamethylenethiuram, dicyclopentamethylenethiuram hexasulfide, benzylamine salt with benzyldithiocarbamate, diethylamine salt with diethyldithiocarbamate, Bu sulfide, Bu disulfide, 1-butanethiol, and thiophenol. The following materials were also tested on the winter eggs of this mite: spindle-type petroleum oil, dodecyl thiocyanate, azoxybenzene, dicyclohexylamine salt with 4,6-dinitro-2-cyclohexylphenate, benzaldehyde, phenylhydrazone, p-phenylazoaniline, azobenzene, hydrazobenzene, and p-phenylazophenol. Only azoxybenzene and dodecyl thiocyanate were appreciably toxic to winter and summer eggs and adult mites. Compds. which showed superior effectiveness against both summer eggs and mites were bis(p-chlorophenyl)methyl carbinol and 4-chloroazobenzene; highly ovicidal were di-Ph sulfone, p-chlorophenyl Ph sulfone, azobenzene, and hydrazobenzene. Against adult female mites the C12-C13 alkyl thiocyanates and sec-dodecyl thiocyanate were outstanding. Among compds. with 2 benzene nuclei connected by bridging groups, toxicity to summer mite stages is influenced by alterations of the bridging group and by substitution in the benzene nuclei. Maximum toxicity is associated with substitution of Cl in the para position of one nucleus, and with compds. of this type which have unsubstituted nuclei. Successive elimination of Cl atoms from the trichloroethane portion of the DDT mol. does not always cause a progressive increase of acaricidal activity (cf. Metcalf, C.A. 43, 3137e). 20 refs.

L16 ANSWER 14 OF 15 CAPLUS COPYRIGHT 2008 ACS on STN
1949:39905 Document No. 43:39905 Original Reference No. 43:7181h-i,7182a-b
N-Substituted m-nitrobenzamides as insecticides. Bottger, G. T.; Gertler, S. I. Bur. Entomol. and Plant Quarantine, E-773, 9 pp. (Unavailable) 1949.

AB Nineteen synthetic organic compds. prepared by reaction of m-nitrobenzoyl chloride with amines were tested as dusts against 3 or more species of leaf-feeding insects and in some cases as stomach and contact poisons. The most toxic materials tested as 50% dusts included N-butyl-m-nitrobenzamide (I), N-isobutyl-m-nitrobenzamide (II), N-sec-butyl-m-nitrobenzamide (III), N,N-diisopropyl-m-nitrobenzamide (IV), and m-nitrobenzoic acid 2-phenylhydrazine (V). N,N-Dimethyl-m-nitrobenzamide, N-isopropyl-m-nitrobenzamide (VI), N-methyl-m-nitrobenzamide, 1-(m-nitrobenzoyl)piperidine, and m-nitro-N-propylbenzamide were toxic to 1 or more species of insects fed foliage treated with 25% dusts. The 2nd of these 5 was the only material that showed any appreciable toxicity to any insect other than the melon-worm. At 5% concentration IV was effective against the pea aphid and the black citrus aphid but not against the celery leaf tier. The 1% dust was ineffective against the pea aphid, and the 3% dusts were toxic to all stages of the 2-spotted spider mite. Dusts of V (5%) were effective against the black citrus

aphid, but showed no appreciable toxicity to either the celery leaf tier or the pea aphid. Both of these materials were less toxic than the standard insecticides. Phytotoxicity tests showed that I and III caused slight injury to pumpkin and turnip plants and moderate injury to Swiss chard while IV, VI, II, and V did not cause any noticeable injury to the foliage of bean, beet, cabbage, Swiss chard, collard, pea, corn, turnip, and pumpkin.

L16 ANSWER 15 OF 15 CAPLUS COPYRIGHT 2008 ACS on STN
1949:9053 Document No. 43:9053 Original Reference No. 43:1902h-i,1903a-d
(3,4-Methylenedioxyphenyl)propylene compound. Prill, Edward A. (Boyce Thompson Institute for Plant Research, Inc.). US 2456991 19481221 (Unavailable). APPLICATION: US .

AB Compds. covered by this patent are insecticides when used alone, or are synergists with other insecticides, such as pyrethrins or rotenoids. These compds. have the general formula 3,4-(CH2O2)C6H3(CH2)3SCHRCONR1R2, where R is H, Me, or Et, R1 and R2 each may be alkyl, alkenyl, cycloalkyl, or aralkyl, R1 may be H, or R1 and R2 together may be a single bivalent alkyl radical or a bivalent alkyl radical interrupted by ethereal O. 3,4-(CH2O2)C6H3(CH2)3SCH2CO2H (I), m. 71°, neutral equivalent 252.5 (theor. 254.3), was made by heating 81 g. safrole and 46 g. mercaptoacetic acid (II). Ascaridole was the catalyst. The mixture was held at 100° for 48 h. The crude preparation was neutralized with aqueous NaOH; H2O-soluble oil was removed and I precipitated with HCl with a yield of 110 g.

I

may be recrystd. from a mixture of Et2O and low-boiling petr. ether. In a similar way 81 g. isosafrole and 46 g. II were heated together to make 3,4-(CH2O2)C6H3CH2CHMeSCH2CO2H (III) distilled at 208-212° under 2 mm. Hg. and had a neutralization equivalent 260. Similar compds. may be prepared with 1-mercaptopropionic acid or 1-mercaptobutyric acid. Various N-substituted amides may be prepared from I or III by making the intermediary acid chlorides, then treating these with an excess of the desired amine. Amides made from I, m.ps. given: N-Et 61°, N-Bu, 50°, N-iso-Bu 47°, N-allyl 74°, N-cyclohexyl (IV) 85°, N-benzyl 82°. The N,N-di-Et, the N,N-di-Pr, the N,N-diisopropyl, the N,N-di-Bu, the N,N-diamyl, and N,N-dicyclohexyl amide (V), the piperidide (VI), and the morpholide of I were liqs. Amides derived from III, m.ps. given: N-Bu 62°, N-iso-Bu 74°, N-cyclohexyl 100°, N-benzyl 85°. The N,N-di-Et, N,N-di-Pr, N,N-diisopropyl, N,N-di-Bu (VII), and N,N-diamyl amide, and the piperidide and the morpholide of III are liqs. The liqs. were soluble in petroleum distillates. Compds. IV and VI killed 99% of Aphis rumicis when it was used as a 0.1% emulsion (10 mL. acetone + 90 mL. of Na dodecyl sulfate). Compound IV at a concentration of 0.1% in this emulsion killed 100% of pea aphids and 100% of thrips feeding on chicory. Compound VI killed 49% of the red-spider mite on bush bean. Compds. V and VII were repellents for the Mexican bean beetle. Compds. of these series were toxic to the house fly.

=> s red mite
431350 RED
533 REDS
431622 RED
(RED OR REDS)

```
         9312 MITE
         6784 MITES
        12288 MITE
               (MITE OR MITES)
L18       832 RED MITE
               (RED(W)MITE)

=> d his

     (FILE 'HOME' ENTERED AT 18:47:07 ON 12 MAR 2008)

     FILE 'REGISTRY' ENTERED AT 18:47:19 ON 12 MAR 2008
L1             STRUCTURE UPLOADED
L2             QUE L1
L3              12 S L1
L4             672 S L1 FULL

     FILE 'CAPLUS' ENTERED AT 18:49:39 ON 12 MAR 2008
L5              38 S L4

     FILE 'HOME' ENTERED AT 18:51:01 ON 12 MAR 2008

     FILE 'STNGUIDE' ENTERED AT 18:51:04 ON 12 MAR 2008

     FILE 'REGISTRY' ENTERED AT 18:59:22 ON 12 MAR 2008
L6          508978 S PIPERIDINE
L7            2485 S L6 AND PYRIDINE

     FILE 'CAPLUS' ENTERED AT 18:59:48 ON 12 MAR 2008
L8           28921 S L7
L9             226 S L8 AND AGR/RL
L10            832 S RED MITE
L11            311 S ARMY WORM
L12            ANALYZE L11 311 DT :       1 TERM
L13             16 S L11 AND KILLED
L14              1 S L11 AND PIPERIDINE
L15           3044 S SPIDER MITE
L16             15 S L15 AND PIPERIDINE
L17            ANALYZE L16 15 DT :        1 TERM
L18            832 S RED MITE

=> s l18 and piperidine
         61679 PIPERIDINE
          3632 PIPERIDINES
         62626 PIPERIDINE
                (PIPERIDINE OR PIPERIDINES)
L19             3 L18 AND PIPERIDINE

=> s l19 not l16
L20             1 L19 NOT L16

=> d scan

L20   1 ANSWERS   CAPLUS  COPYRIGHT 2008 ACS on STN
CC   10 (Organic Chemistry)
TI   2-Aminoindans
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IT   Pharmaceuticals
       (2-aminoindan derivs. and related compds.)
IT   Ketones
       (alkenyl aryl)
IT   Insecticides
       (alkenyl aryl ketones)
IT   Aphis fabae and(or) Bean aphid
     Metatetranychus citri and(or) Citrus red mite
       (control of, by alkenyl aryl ketones)
IT   Coccus pseudomagnoliarum and(or) Citricola scale
       (control with alkenyl aryl ketones)
IT   Catalysts
       (in hydrogenation, of 2-isonitroso-3-indanone derivs., Ni)
IT   1779-10-8   71400-82-3
       (Derived from data in the 6th Collective Formula Index (1957-1961))
IT   101089-55-8, 1-Indanol, 2-amino-3-phenyl-
       (and salts)
IT   7440-02-0, Nickel
       (catalysts, in hydrogenation of 2-isonitroso-3-indanone derivs.)
IT   80-15-9, Hydroperoxide, α,α-dimethylbenzyl   31254-12-3,
     Hydroperoxide, 1,1-di-p-tolylethyl
       (decomposition of)
IT   2975-41-9, 2-Indanamine
       (derivs. and related compds.)
IT   67-64-1P, Acetone   108-95-2P, Phenol
     RL: PREP (Preparation)
       (manufacture of)
IT   122-00-9P, Acetophenone, 4'-methyl-   24273-37-8P, 1,2-Indandione,
     3-phenyl-, 2-oxime   24306-27-2P, 1,2-Indandione, 3-methyl-3-phenyl-,
     2-oxime   79314-38-8P, 1-Indanol, 2-amino-3-methyl-, hydrochloride
     84478-20-6P, 1-Indanone, 2-amino-3-phenyl-, hydrochloride   100368-92-1P,
     1-Indanol, 2-dimethylamino-3-methyl-, hydrochloride   101292-79-9P,
     1-Indanol, 2-methylamino-3-phenyl-, hydrochloride   101292-80-2P,
     1-Indanol, 2-methylamino-3-phenyl-   101583-86-2P, 1-Indanol,
     2-dimethylamino-3-phenyl-, hydrochloride   102548-94-7P, 1-Indanol,
     2-benzylideneamino-3-phenyl-   102560-66-7P, 1-Indanol,
     2-(benzylmethylamino)-3-phenyl-, hydrochloride   109309-73-1P, 1-Indanol,
     3-phenyl-2-piperidino-, hydrochloride   110332-78-0P, 1-Indanol,
     2-benzylamino-3-phenyl-   120579-56-8P, Tartaric acid, compound with
     2-amino-3-phenyl-1-indanol   878793-53-4P, 1-Indanol, 2-amino-3-methyl-3-
     phenyl-, hydrochloride
     RL: PREP (Preparation)
       (preparation of)

ALL ANSWERS HAVE BEEN SCANNED


=> d his

     (FILE 'HOME' ENTERED AT 18:47:07 ON 12 MAR 2008)

     FILE 'REGISTRY' ENTERED AT 18:47:19 ON 12 MAR 2008
L1             STRUCTURE UPLOADED
L2             QUE L1
L3              12 S L1
L4             672 S L1 FULL
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Print selected from 10599388.trn

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     FILE 'CAPLUS' ENTERED AT 18:49:39 ON 12 MAR 2008
L5          38 S L4

     FILE 'HOME' ENTERED AT 18:51:01 ON 12 MAR 2008

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L15       3044 S SPIDER MITE
L16         15 S L15 AND PIPERIDINE
L17        ANALYZE L16 15 DT :       1 TERM
L18        832 S RED MITE
L19          3 S L18 AND PIPERIDINE
L20          1 S L19 NOT L16

=> analyze l10
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